SDMS Document
93262

The Passaic River Study Area

United States Environmental Protection Agency, Region II

Status of PRP Search and Issuance of Notice Letters

Prepared by:Andrews & Kurth L.L.P.
1717 Main Street, Suite 3700
Dallas, Texas 75201

Contact:Paul W. Herring
214-659-4504 (Office telephone)
214-659-4837 (Office fax)

For Chemical Land Holdings, Inc., on behalf of Occidental Chemical Corporation (successor to Diamond Shamrock Chemicals Company, f/k/a Diamond Alkali Company)

February, 2001

DAL:281196.1

932620001

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3	**Lucent Technologies, Inc.**	
-A		February 28, 1997 Objections and response of Lucent Technologies Inc. to EPA's CERCLA 104(e) Information Request to AT&T Technologies, Inc. Confirms certain corporate information, reflects certain hazardous substances used at the site, shows certain discharge routes to the river, confirms multiple instances of flooding by river.
-B		February 14, 1997 Response of River Terminal Development Company to the USEPA's Request for Information Under 42 USC §9601 et seq. - Diamond Alkali Superfund Site, Passaic River Study Area. Confirm certain corporate information and provides certain drawings showing process and sewer interconnections and discharge outfalls to the river. Also documents site contaminants found in groundwater.

GENERATOR: Lucent Technologies, Inc.
EVIDENCE SUMMARY SHEET
(By shipment/disposal or collective group(s) of shipments/disposals)

Current Name, Mailing Address, and Telephone:
Lucent Technologies, Inc.
131 Morristown Road
Basking Ridge, New Jersey 07920

References:
1997 Response to 104(e) Request

Facility location: 100 Central Avenue, Kearny. See Site Location Map showing facility location in proximity to the Passaic River.

Date or time period of shipment(s) or disposal(s):
1925 through 1984, and subsequent to the extent any contaminated soils or groundwater may have continued to contribute contaminants to the Passaic River from the facility.

Direct discharges: Drains and lines from Bldg. 170, and perhaps other buildings, through storm sewers directly to the Passaic River; drainage from the "drum storage pad" through lines directly to the Passaic River; direct violative discharges through NPDES-permitted outfalls.

Ground water: Contaminated groundwater in direct contact with Passaic River flow.

Surface water: Surface contamination to the Passaic River associated with surface runoff and periodic flooding of the facility adjacent to the Passaic River.

1997 Response to 104(e) Request; RTC's Response to separate 104(e) Request; Initial ECRA notice from AT&T; 1984 ECRA Closure Plan; 1985 Amended Environmental Clean-Up Plan; 1981 RCRA Inspection Report; NPDES violation documentation; 1993 Remedial Proposal for Contaminated Soil at Former Drum Storage Pad; 1997 Surface Soil Investigation Report; Bartel affidavit; 1997 document compilation.

Transporter: Not applicable.

Volume or quantity: Not susceptible to precise calculation due to irregular and intermittent nature of discharges. However, the same types of substances known to be at the Subject's facility have been detected at significant levels in Passaic River sediments near the Subject's facility.

Above references; Sediment data previously submitted to USEPA.

Name of Hazardous Substance(s) [and RCRA waste codes, if applicable] (See 40 CFR Sec. 302.4):
PCBs, Arsenic, Chromium, Copper, Lead, Mercury, Nickel, Zinc, Cyanide, volatile organics.

Above references.

Substances like the generator's that are found in the Passaic River:
Many of the above were detected at significant levels in sediments in the vicinity of the Subject's facility. Analyses were not done for some.

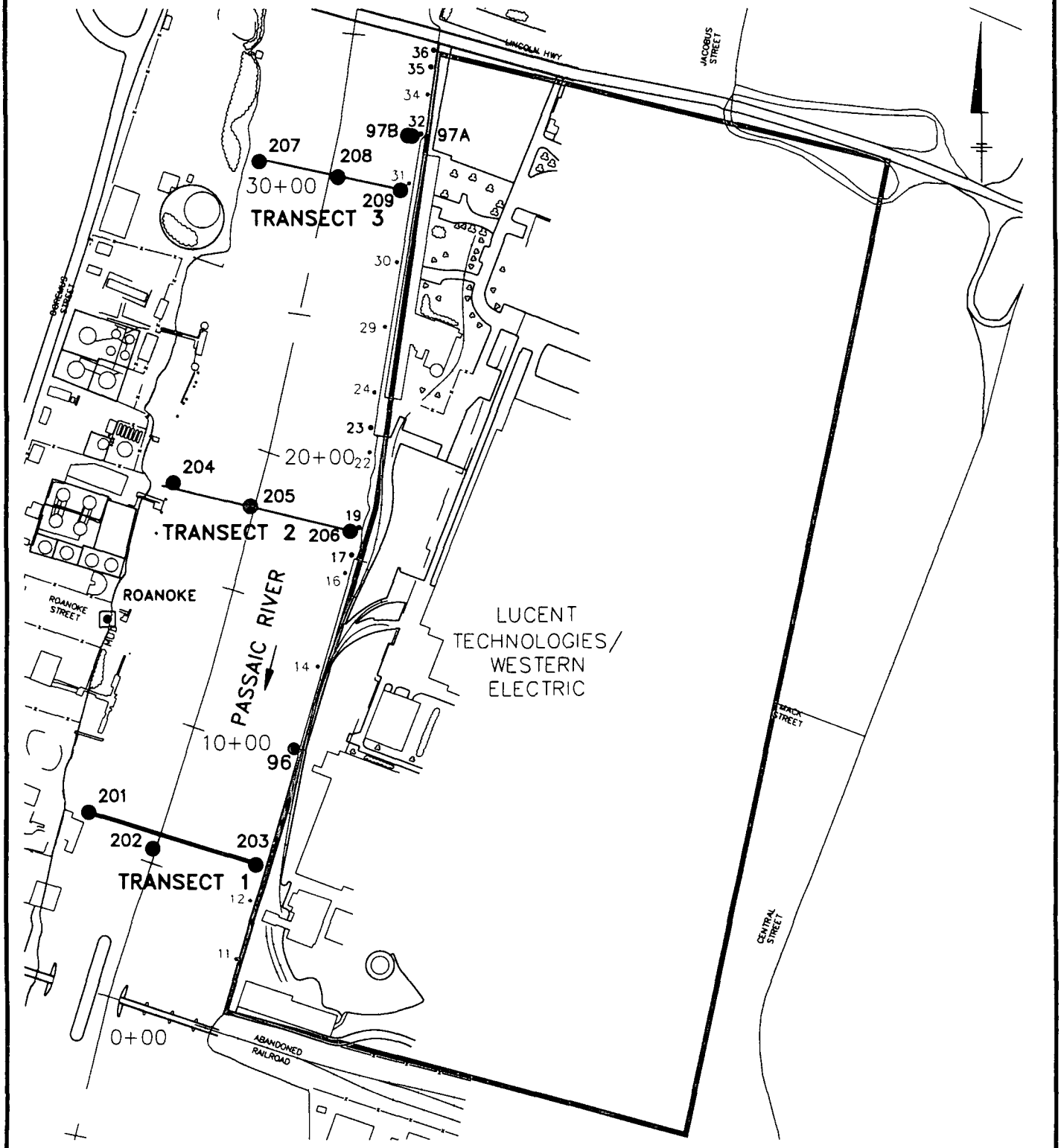
Sediment data previously submitted to USEPA.

Name, Mailing Address and Telephone of Registered Agent:
Delaware:
CSC Prentice Hall Corporation System Inc.
1013 Centre Road
Wilmington, DE 19805

1997 Response to 104(e) Request.

New Jersey:
Prentice Hall Corporation System, NJ, Inc.
830 Bear Tavern Road
Trenton, NJ 08628

NJ Dep't. of Treasury records.



LEGEND:

- APPROXIMATE FACILITY BOUNDARY
- SHORELINE
- CSO OUTFALL
- RI SAMPLING TRANSECT
- 270 SEDIMENT SAMPLING LOCATION
- 35 • OUTFALL–PAST
- 34 • OUTFALL–PRESENT

DRAFT

0 500' 1000'

GRAPHIC SCALE

X: 09994X04.DWG, 09994X05.DWG
L: ON=*, OFF=REF, IGRID
P: STD-PCP/AP
11/9/00 SYR-54-GMS NES KMD YCC
09994023/09994B22.DWG

SITE LOCATION MAP

LUCENT TECHNOLOGIES/ WESTERN ELECTRIC FACILITY

A

932620006

LUCENT TECHNOLOGIES, INC.

TAB A

February 28, 1997 Objections and response of Lucent Technologies Inc. to EPA's CERCLA 104(e) Information Request to AT&T Technologies, Inc. Confirms certain corporate information, reflects certain hazardous substances used at the site, shows certain discharge routes to the river, confirms multiple instances of flooding by river.

Lucent Technologies
Bell Labs Innovations

Ralph L. McMurry
Corporate Counsel

Lucent Technologies Inc.
Room B2168
131 Morristown Road
Basking Ridge, NJ 07920

Telephone 908 630 2818
Facsimile 908 204 8565
Internet address
rmcmurry@lucent.com

February 28, 1997

Mr. Pat Evangelista
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866

Re: Request for Information
Diamond Alkali Superfund Site, Passaic River Study Area

Dear Mr. Evangelista:

This is the response of Lucent Technologies Inc. ("Lucent") to EPA's CERCLA 104(e) Information Request to AT&T Technologies, Inc. dated December 30, 1996 (the "Request"). This response is made on information and belief and is based upon the investigation undertaken by Lucent on behalf of and/or in place of AT&T Corp.

Lucent appreciates EPA's grant of an extension to respond to the Request.

General Response and Objections

At the outset Lucent objects to the Request on a number of grounds.

First, the Diamond Alkali Site is not defined. The Request does not state where the Site is located. Lucent requests that EPA provide some reasonable definition of the Diamond Alkali Site.

Second, the "Passaic River Study Area" is not defined. The Request does not state what is meant by "Passaic River Study Area" and gives no clue as to its boundaries. CERCLA defines "facility" in terms of discrete sites or locations, not unbounded "study areas". Lucent requests that EPA provide some reasonable definition and delineation of the "Passaic River Study Area."

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932620008

Third, the Request is clearly overbroad and burdensome insofar as it purports to seek information pertaining to the details of manufacturing processes, practices, operations, and personnel involved in same, all with respect to a facility sold more than a decade ago. These questions require major historical research and reconstruction of events and preparation of extensive written narratives, some in book length. Answering these questions fully is not possible.

Fourth, the Request is overbroad because CERCLA 104(e) limits EPA's authority to request information relevant to materials "which have been generated, treated, stored, or disposed of at a vessel or facility or transported to a vessel or facility" 42 U.S.C. 9604(e)(2)(A) (emphasis added).

Fifth, the Request is burdensome because it (apparently) seeks information going back three quarters of a century. Lucent has incomplete records going back this far. Witnesses have died or retired. Also, as noted above, the facility in question was sold more than a decade ago. To the extent EPA expects Lucent to research information this far back in time, Lucent cannot fully answer these questions.

Sixth, Lucent does not agree that EPA has authority to require Lucent to consult former employees in answering this Request. Former employees are no longer in an employer-employee relationship with Lucent.

Seventh, the Request is overbroad because it seeks information concerning disposal, treatment, or storage of hazardous substances at a great number of sites, not just the Diamond Alkali or Passaic River Study Area sites (whatever these are). CERCLA's 104(e) authority is limited to materials "which have been or are generated, treated, stored, or disposed of at a vessel or facility or transported to a vessel or facility".

Eighth, the Request is overbroad in its definition of "relate to" or "relating to". The Request's definition of these terms sweeps in information not even remotely relevant to the legitimate subject matter of the Request.

Ninth, CERCLA 104(e) affords EPA no authority to require any particular form of certification of answers.

Tenth, the Request's use of the terms "arranged for" (question 5a) is objectionable because it states a legal conclusion under CERCLA. Lucent's obligation is to provide facts from which EPA should draw its own legal conclusions.

Notwithstanding all the foregoing, Lucent has made a diligent and good faith effort to answer the Request. Without waiving the foregoing objections, the following answers to the Request are provided. Due to the volume of documents responsive to the Request, those documents will be sent under separate cover.

If EPA, after reviewing this response to the Request, can narrow or focus some of its questions, Lucent will endeavor to respond further.

Although Lucent has searched the records it considers most likely to contain information responsive to the Request, Lucent reserves the right to supplement, modify or correct the responses provided herein should further information become available.

Lucent assumes that the Request is limited to Lucent's former Kearny, New Jersey facility (the "Facility" or the "Property").

This response is made without any admission of liability and without prejudice to any position that Lucent may take in connection with the Diamond Alkali Site or Passaic River Study Area.

Very truly yours,

Ralph L. McMurry

RESPONSES OF LUCENT TECHNOLOGIES INC.
TO EPA REGION II REQUEST FOR INFORMATION REGARDING
DIAMOND ALKALI SUPERFUND SITE, PASSAIC RIVER STUDY AREA

1. The Western Electric Company Kearny Works was in operation from 1925 to 1984.

2. a) Kearny Works was an authorized hazardous waste generator and storage facility under EPA ID No. N.J.D. 002139053.

   b) NJDEP Air Pollution Permits included nos.:
   12496,12775,12776,12777,12787,12802,43521,16447,16448,16449,16450,43203,
   22526,22527,22528,40129,40130,43091,43094,48837,48838,48839,48840,48841,
   49777,49778,49779,49780,49781,49782,52218,52219,52220,52221,52222,52223,
   1-2655,1-2656,1-2657,G7174,G043677.

   Kearny Works was subject to NPDES Permit No. N.J.-0020443 for six outfalls into the Passaic River.

   The foregoing permits were those in effect at the time the Facility ceased operations. The state of New Jersey was notified (see Attachment A).

3. It is impossible to answer this question fully. The question addresses the operations and processes of a complex manufacturing facility going back three quarters of a century. Many of the substances listed were found in numerous raw materials used in operations. Also, some of the compounds in the list are the result of a combination of raw materials in a manufacturing process. The question expects Lucent to prove the negative.

   Notwithstanding the foregoing objection, a list of substances at the Facility included:

   ammonia, boric acid, fluorene compounds, hydrochloric acid, nitric acid, perchlorethylene, sulfuric acid, trichlorethylene, xylene, PCBs, chromium, copper, lead, nickel zinc, cyanide.

4. It is impossible to answer this question fully. The question addresses the operations and processes of a complex manufacturing facility going back three quarters of a century.

   a) The Kearny Works location of AT&T Technologies, Inc. employed approximately 4,000 people (early 1984 figures) in 36 buildings, some multi-story, on a 147 acre tract

on the South Kearny peninsula. The location was used primarily for the assembly of electro-mechanical devices required to interconnect the national telephone network.

Electromechanical assembly itself was generally an environmentally clean operation, but some support operations used materials and generated wastes which required special consideration. Among these operations were plating, cleaning or degreasing, organic coating and lubrication. To supply these operations, small quantities of containerized chemicals, solvents, coating materials and oils were stored primarily in using shops, but occasionally in outdoor storage yards. Waste materials were accumulated in an authorized waste yard prior to disposal in accordance with the Resource Conservation and Recovery Act. Prior to the issue of RCRA regulations, the Facility followed the various company instructions for storage, transfer, use and disposal of hazardous substances. Manufacturing Division Instructions M.D.I. 75.104 dated March 23, 1966 is representative of such an instruction and will be produced.

No
- Lime Pits?
- Drywells?

Auxiliary functions necessary for plant operation, such as a Powerhouse, a Garage and electrical distribution, required fuel tanks and oil containing transformers.

From 1925 to 1984 the facility manufactured:

1. switchboards and consoles
2. key equipment
3. cable & wire
4. misc. wired equipment
5. relays, jacks, keys
6. self contained switching units
7. metallic printed wiring boards
8. electronic PBX
9. key telephone systems
10. private line switching systems
11. coils
12. power equipment
13. rectifiers
14. test sets
15. energy systems
16. magnetic apparatus
17. connectors and molding
18. protectors
19. precious metal plating
20. sheet metal piece parts
21. adapters

The Kearny Works ceased operations in 1984 and production of many of the items listed above ceased many years before. To date, we have been unable to locate detailed descriptions of the processes used to manufacture the items listed above.

These processes were called "manufacturing layouts" and they were continuously revised to reflect the state of the art. As they were revised, the previous "layout" was discarded. Furthermore, these processes were trade secrets and not generally circulated.

b) This information is not available.

5. This question is overbroad, addresses complex manufacturing operations and processes, and would require historical research and reconstruction of facts, all going back three quarters of a century. For practical purposes, the question is impossible to answer fully. Lucent is providing documents, however, which it has located which may or may not be responsive. You are respectfully referred thereto.

a) The following are some of those persons who were in some way involved with hazardous substances:

J.T. Chikowski
G.C. Tranchetti
J. Keritz
R. Bondani
A. Basile
M.M. Koosman
J.G. Ambers

b) The question is beyond the scope of the Request.

c) This question is overbroad, addresses complex manufacturing operations and processes, and would require historical research and reconstruction of facts, all going back three quarters of a century. For practical purposes, the question is impossible to answer fully.

Information regarding storage practices before 1966 is not available. Documents after that date will be produced as they are found.

Lucent has more than six cartons of documents pertaining to remediation activity that began in 1985 under the auspices of the State of New Jersey. These have nothing to do with manufacturing operation.

d) This question is overbroad, addresses a complex manufacturing operation, and would require historical research and reconstruction of facts, all going back three quarters of a century. For practical purposes the question is impossible to answer fully.

Lucent is providing documents, however, which it has located which may or may not be responsive. You are respectfully referred thereto.

Notwithstanding the foregoing objections, waste was not treated on site prior to 1974. Prior to the construction of the Industrial Waste Treatment Plant, some waste was discharged to the municipal sewer system and others were sent to disposal or recycling firms.

After approximately 1974 certain wastes were treated on site and then discharged to the river under NPDES permit. This treatment plant had acid/alkali neutralization, chrome reduction, and cyanide destruction followed by solids removal. The sludge from the solids removal was stored on site and later sent to landfills.

6. a) i) The waste stream was discharged to the municipal sewer from 1925 to 1984.

ii) The waste stream was not treated prior to discharge to the municipal sewer.

iii) In 1974, approximately 1/3 of the flow was diverted to the new on-site industrial waste treatment plant which discharged treated effluent to the Passaic River under NPDES permit.

iv) Analyses of the discharge from the industrial waste treatment plant are shown for years 1981-1983. Other figures are not available.

b) i) Floor drains and other disposal drains not covered above were connected to the municipal sewer except as covered below from 1925 to 1984.

ii) Air conditioning drains, water sumps and water fountain effluent were drained to storm sewer outfalls to the Passaic River.

c) i) Storm sewers existed from the time the Facility opened in 1925 to the present.

ii) Information that we now have does not indicate catch basins or lagoons during the time the Facility was in operation.

iii) N/A

iv) Storm sewers contained runoff oil and grease. There was also one discharge of Powerhouse cooling water.

d) See Attachment B - Diagrams PK-2036 and "Schematic of Water Flow".

7. a) This question is overbroad, addresses complex manufacturing operations and processes, and would require historical research and reconstruction of facts, all going

back three quarters of a century. For practical purposes the question is impossible to answer fully.

Lucent is providing documents, however, which it has located which may or may not be responsive. You are respectfully referred thereto.

b) We have no record of direct discharge of untreated process waste to the Passaic River other than as may have been described above.

8. a) Lucent no longer owns the Property and therefore, cannot say which outfalls are presently in use.

b) Prior to the sale of the Property, there were six (6) permitted outfalls. These included:

1. Powerhouse Cooling Water
2. Industrial Waste Treatment Plant Discharge
3. Runoff, oil and grease
4. Runoff, oil and grease
5. Runoff, oil and grease
6. Runoff, oil and grease

c) Plans and specifications of these outfalls are not available. Diagram PK-2036 shows the approximate locations of the outfalls.

9. a) To the best of our knowledge, only one minor incident occurred during the historical operation of the Facility. In 1976, a small amount of chromate-contaminated scrubber water spilled from a frozen burst pipe onto ice and snow. No chromates entered drains or percolated into the soil since the water froze almost instantly. The contaminated snow was shoveled into drums, melted and processed through our waste treatment plant.

This incident was reported to NJDEP and the Coast Guard. No penalty was imposed and no action was required. To guarantee control of a possible recurrence, we installed secondary containment at our own volition. There was no recurrence.

The foregoing is limited to the period the plant was in operation. As noted above, Lucent has six (6) cartons of documents relating to remediation following the plant closing.

b) No other information is available during the time the Facility was in operation.

10. a-b) All of the property is under the 100 year flood plain elevation and has been subject to numerous floodings from the Passaic River. There is no surface water on the property.
11. We assume this question is directed to Kearny Works. We have located no records memorializing any enforcement proceedings.

12. This question is overbroad, addresses complex manufacturing operations and processes, and would require historical research and reconstruction of facts, all going back three quarters of a century. The term "relates to" is also overbroad. For practical purposes, the question is impossible to answer fully.

    Lucent is providing documents, however, which it has located which may or may not be responsive. You are respectfully referred thereto.

13. a-b) This question is overbroad, addresses complex manufacturing operations and processes, and would require historical research and reconstruction of facts, all going back three quarters of a century. For practical purposes the question is impossible to answer fully.

    Lucent is providing documents, however, which it has located which may or may not be responsive. You are respectfully referred thereto.

14. a) Western Electric Company, Inc. purchased the Property in 1925 and owned it until 1984 when the Property was sold to The Union Minerals and Alloys Corporation. Any available documents of sale are a matter of public record.

    b) N/A

    c) Western Electric owned the Property from 1925 through January, 1984, when the company changed its name to AT&T Technologies, Inc. In May, 1984, AT&T Technologies sold the Property to The Union Minerals and Alloys Corporation which had no relationship with AT&T Technologies. We have no knowledge of any additional owners or operators.

15. a) Lucent Technologies Inc.

    b) Henry B. Schacht, Chief Executive Officer & Chairman of the Board
    Richard A. McGinn, President & Chief Operating Officer

    600 Mountain Avenue
    Murray Hill, NJ 07974

c) State of Incorporation: Delaware
Registered Agent in DE: CSC Prentice Hall Corporation System Inc.
1013 Centre Road
Wilmington, DE 19805

d) See Attachment C - Form of Restated Certificate of Incorporation of Lucent Technologies Inc.

e) See Attachment D - List of affiliated companies.

f) N/A

g) Agile Networks, Inc. was acquired by Lucent on or about October 16, 1996.

h) See attached list of affiliated companies. Prentice Hall is the registered agent for each domestic corporation.

i) The previous parent company is: AT&T Corp.
295 North Maple Avenue
Basking Ridge, NJ 07920

Change of ownership occurred: September 30, 1996

j) Western Electric Company, Inc. changed its name to AT&T Technologies, Inc. on January 3, 1984, and was subsequently merged into American Telephone and Telegraph Company on December 29, 1989. American Telephone and Telegraph Company then changed its name to AT&T Corp. on April 20, 1994. Lucent Technologies Services Company was a subsidiary of AT&T Corp. that was transferred to Lucent Technologies Inc. on February 1, 1996.

16. The person whose cover letter forwards this response is:

Ralph L. McMurry, Corporate Counsel
131 Morristown Road
Room B2168
Basking Ridge, NJ 07940
(908) 630-2818

The responses set forth herein are based on the records and information still in existence, presently recollected and thus far discovered in the preparation of this response. The responses are based on information and belief. Kenneth E. DeGennaro, Consultant, and Margot E. Glockner, Paralegal Administrator assisted in responding to each question answered above. No former employees were contacted to respond to any of the questions.

ABA000100

State of New Jersey

County of Somerset

The foregoing answers were prepared with the assistance and advice of counsel and employee(s) of Lucent Technologies Inc. upon whose advice I rely in making this certification. The answers set forth herein, subject to inadvertent or undiscovered errors, are based on, and therefore necessarily limited by, the records and information still in existence, presently recollected and thus far discovered in the preparation of these answers. They are not made of my own personal knowledge, but are, to the best of my knowledge, information and belief, true.

Signature: John J. Cutrone

Name (please print): John J. Cutrone

Title: Superfund Project Manager

Sworn to before me this 28th day of February, 1997

Notary Public Margot E. Glockner

My commission expires on

MARGOT E. GLOCKNER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 14, 2001
ID No. 2186287

ABA000101

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ABA0000102

932620019

Sent to State - June 23, 1988

Affidavit of Exemption
from the
New Jersey Pollutant
Discharge Elimination System Permit
NJPDES # 0020443

State of New Jersey)ss:
County of Hudson)

AT&T Technologies Inc.,100 Central Avenue, Kearny, N.J., being sworn, states:

1. I am * R. B. Butterfield Jr, General Manager
(Title and Position)
of AT&T Technologies, Inc. Kearny Works
(Name of Company)

2. I have personal knowledge of the facts set forth herein.

3. NJPDES Permit No. 0020443, issued on 7/1/79, and administratively extended past 6/30/81, authorized the following "discharge" of "pollutants" to the waters of the State of New Jersey from AT&T Technologies, Inc. Kearny Works.

(Check appropriate type of discharge(s)).

___ Surface water/Municipal
_X_ Surface water/Industrial
___ Surface water/Thermal
___ Land application of sludge & septage
___ Land application/Industrial Waste residue
___ Landfill - Industrial/ Commercial
___ Landfill - Municipal
___ Spray Irrigation - Industrial/Commercial
___ Spray Irrigation/Domestic
___ Overland Flow - Industrial/Commercial
___ Rapid Infiltration - Industrial/Commercial
___ Rapid Infiltration
___ Surface Impoundment - Industrial/Commercial
___ Surface Impoundment/Domestic
___ Underground Injection - Industrial/Commercial
___ Underground Injection/Domestic
___ Significant Industrial User
___ Individual Subsurface Sewage Disposal - Industrial/Commercial
___ Individual Subsurface Sewage Disposal - Community
___ Overland Flow/Domestic
___ Rapid Infiltration
___ Surface Impoundment/Domestic
___ Underground Injection/Domestic

Other - Describe _____

These terms are as defined in Section 3 of the New Jersey "Water Pollution Control Act" N.J.S.A. 58:10A-1 et seq. and the New Jersey Pollutant Discharge Elimination System Regulations, N.J.A.C 7:14A-1 et seq.

* Signatory must be the person responsible under N.J.A.C. 7:14A-2.4(b).

ABA000103

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4. AT&T Technologies, Inc., Kearny Works, will no longer be discharging pollutants to the waters of the State as described in No. 3 above, effective on or before December 31, 1985.

5. _____ is no longer discharging wastes because of the following:

___ Facility has been closed
___ Connection to sewerage authority
___ In-plant recycling
___ Other - describe _____

_____

6. I understand that NJPDES permit fees are payable until the date the Department receives this affidavit.

7. I understand that it is a violation of the "Water Pollution Control Act" N.J.S.A. 58:10A-1 et seq. to discharge pollutants except in conformity with a NJPDES permit and that I may be subject to significant civil/criminal penalties for said violation.

R B Butterfield Jr
(Signature)

R. B. Butterfield, Jr.
(Type Name)

Sworn to and signed in my presence this 28th day of June, 1985.

Helen J. Hagadorn
(Signature)

(Seal)

Notary Public in and for the County of Union, State of New Jersey.

BE ON NOTICE THAT any person who knowingly makes a false statement, representation, or certification in any application, record, or other document filed or required to be maintained under the Water Pollution Control Act... shall, upon conviction, be subject to a fine of not more than $10,000.00 or by imprisonment for not more than 6 months, or both.

A copy of this affadavit shall be kept on the premises and be available for inspection by the Department.

WQM7-E/L:lml

Affidavit Submitted to:
Mr. Herman Adelman, NJDEP

Copy to:
Mr. Flavian Stellerine, NJDEP

ABA000104 2.2

932620021

B

ABA0DD105

932620022

WESTERN ELECTRIC COMPANY, INC.
ENGINEER OF MANUFACTURE
KEARNY, N.J.

APPROVED: 8432
AUGUST 1959-CPWACS

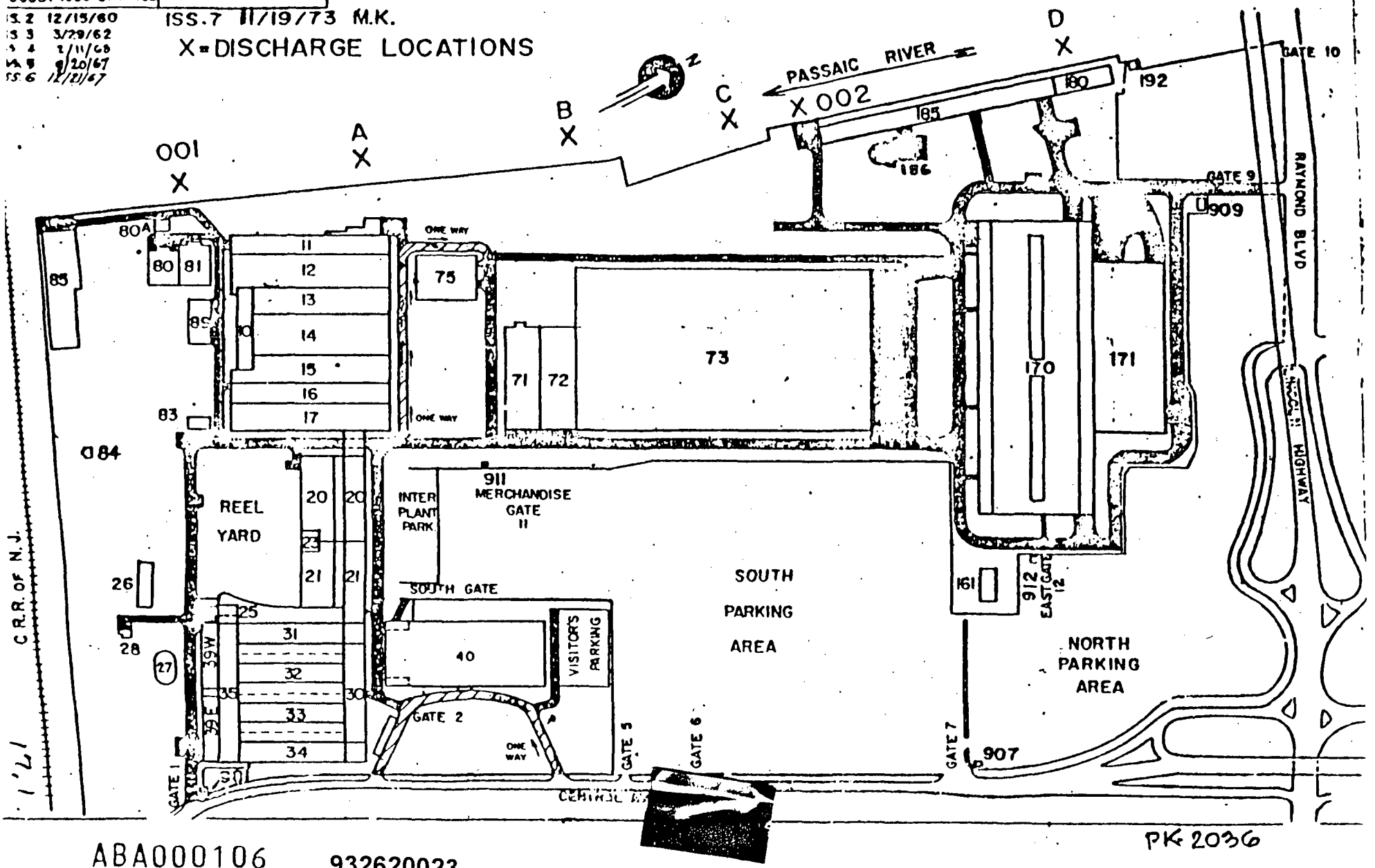
EPK-2036

S 2 12/15/60
S 3 3/29/62
S 4 2/11/68
S 5 9/20/67
S 6 12/21/67

PLOT PLAN OF KEARNY TRACT

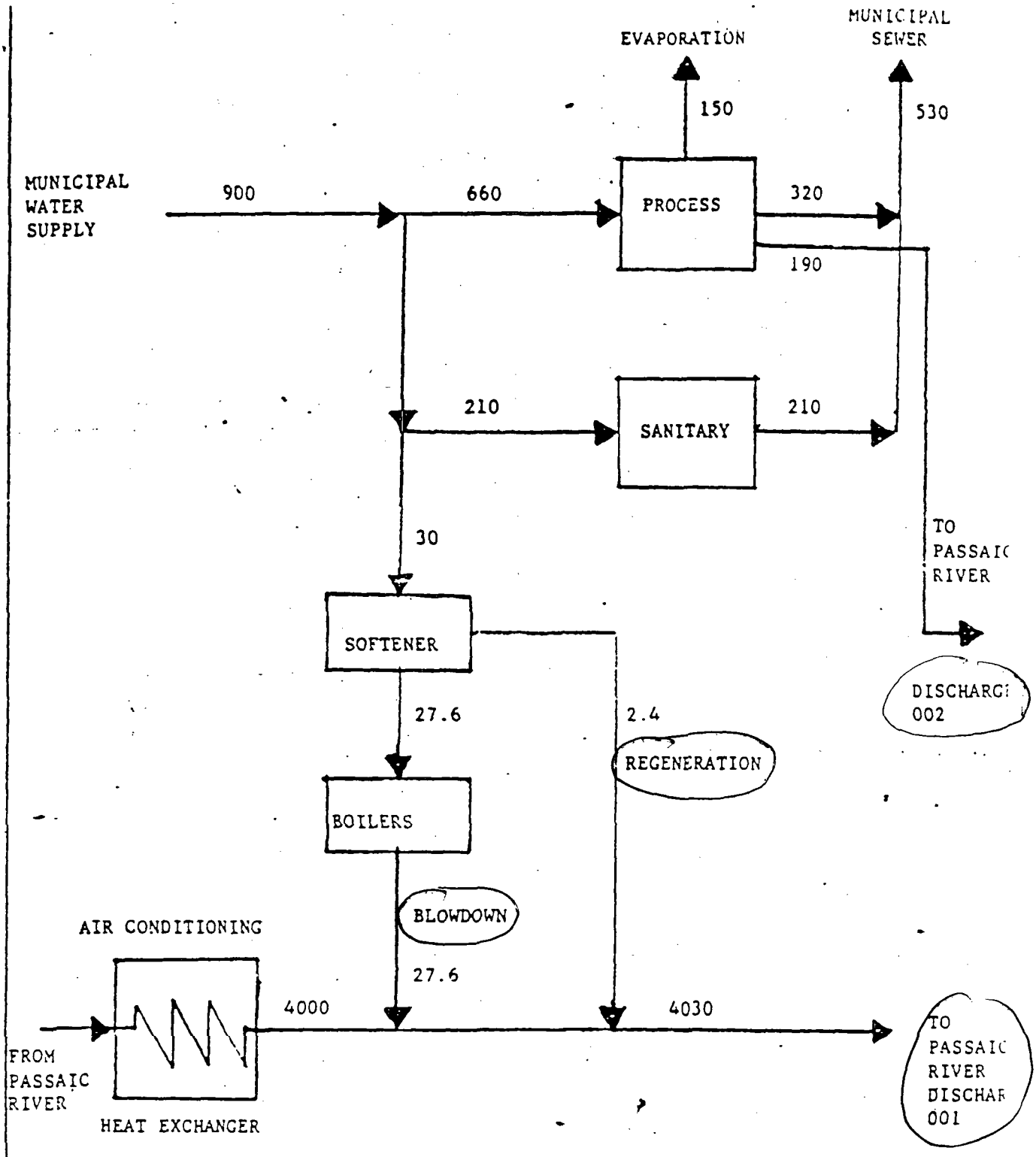
ISS. 7 11/19/73 M.K.

X = DISCHARGE LOCATIONS



PK 2036

ABA000106 932620023



ISSUE DATE: 9/8/78 PAGE 1 of 1		CH. / ENG.	TITLE: SCHEMATIC OF WATER FLO (THOUSANDS OF GALLONS PER DAY)
	ABA000107	DR. / TR.	SCALE
		APPL	WESTERN ELECTRIC CO., IN KEARNY, N.J. 17.2

932620024

Lucent Technologies
Bell Labs Innovations

Ralph L. McMurry
Corporate Counsel

Lucent Technologies Inc.
Room B2168
131 Morristown Road
Basking Ridge, NJ 07920

Telephone 908 630 2818
Facsimile 908 204 8565
Internet address
rlmcmurry@lucent.com

March 11, 1997

VIA OVERNIGHT MAIL
Mr. Pat Evangelista
Emergency and Remedial Response Division
U. S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, New York 10007-1866

MAR 12 1997

Re: Request for Information
Diamond Alkali Superfund Site, Passaic River Study Area

Dear Mr. Evangelista:

Please refer to our letter of February 28, 1997 wherein we advised you of our intent to forward certain documents under separate cover. The documents enclosed with this letter are those documents. These documents are self explanatory, but please feel free to call if you have any questions.

References to non-relevant material have been deleted. See our response to question 5(b).

As noted in our response to question 5(c), these documents do not contain any material relating to remediation activity that began in 1985 under the auspices of the State of New Jersey.

We are continuing our search for more documents. If any responsive material is found we will supplement our response. This search is difficult because the facility was closed more than 12 years ago.

Please let me know if you have any questions.

Very truly yours,

Ralph L. McMurry

Enclosures

cc: Ms. Amelia Wagner

ABA000153

932620025

SEP 1 6 1976

MR. F. W. KLEINER - 83330

Re: Disposal of Waste Materials

We've reviewed your proposed section 7.8, paragraph 4.09 for disposal of Copper Protecting Wastes and have the following comments to offer.

1. Exclude any references to "or equivalent" for the materials you're presently using. Each material change must be revaluated to ensure that the instructions are correct for it.

2. For the Copper Cleaner Solution: Include instructions to the shop to periodically issue a purchase order to dispose of the waste acid through a scavanger licensed by the New Jersey Bureau of Solid Waste Management. The scavangers usually use a flat bed holding 80 drums. Establish your period based on full load disposal. Include in instructions method of filling out appropriate paper work. Our department will assist you in the total details once you've identified all the chemical constituents in the waste. This last instruction is required by DOT Hazardous Material legislation.

3. For the Redox 5020, 5020A & Displaced Water Mixture:

   a. A disposal purchase order will also be required here. Instructions should follow outline described for Copper Cleaner Solution, including appropriate paper work.
   b. All containers must be labeled "Flammable". It will be necessary to order a supply of appropriate labels. Transportation (Guy Pasquino) can assist there.
   c. Include in instructions: "For flammable liquids the waste disposal drum must be grounded and vented, and when filling from any metal container, bonded to that container."

The above information is mandatory because of [illegible] State and Federal Solid Waste Management and Hazardous Materials legislations. If you need any assistance related to those laws, contact Chris Tranchetti on extension 4304.

GCT

GCT:84520:sp

ORIGINAL SIGNED BY
J. G. AMBERS
J. G. AMBERS - 84520

ABA000181

932620026

SEP 2 1 1976

MR. J. J. AMBERS - 84520

Re: Your Memorandum of September 15, 1976, "Disposal of Waste Materials"

Following a discussion between J. C. Tranchetti and E. S. Harris in regard to Copper Protecting Wastes, the following is our understanding of action to be taken:

1. For the time being, we will continue to dispose of all Redox materials until something can be worked out for recovery and reuse.

2. The functional product engineer is responsible for ultimate disposal of any material not under centralized control. (Eventually all hazardous materials will be under OP control.)

3. Department 84520 will provide us with the latest applicable guidelines for ultimate disposal of hazardous wastes. We will use these guidelines as a basis for a purchase specification to obtain the services of a legally qualified scavenger.

4. Identification of the major chemical ingredients in a proprietary material will normally be sufficient, such as stoddard solvent for Redox.

5. Suppliers will be instructed to pick up only that material which is properly identified at the OP or Acid Waste Storage Yard.

6. During transfer of wastes to a 55 gallon drum, venting arrangements are to be worked out by the product engineer. This requirement, as we understand, is in addition to your instructions contained in your memorandum of June 25, 1975 for our existing copper protection operation. With the grounding procedure given in your memorandum, we do not think flame arrestors will be required.

7. We will use only the original containers for hazardous wastes.

8. In case of a material change, all shop instructions will be re-evaluated.

ESH:83330:cs

F. W. [illegible] - 83330

ABA000182

932620027

November 1[illegible], 197[illegible]

MEMORANDUM [illegible]

Re: [illegible]

[illegible] segregated liquid wastes [illegible] my Memorandum [illegible] dated [illegible] 1976, [illegible] categories are needed in order to handle all [illegible] shop and laboratory wastes. The seven categories are:

1. Alcohol
2. Acetone will contain [illegible] compounds and components as contaminants
3. Freons [illegible]
4. Oils (lubricating, [illegible] castor)
5. Trichloroethylene
6. Mineral Spirits
7. Toluene Xylene [illegible] varnish as a contaminate.

For the small quantities of l[illegible] ates generated by the testing laboratory, several of the a[illegible] gories may be construed in their broad sense; namely, #1 - all [illegible] #2 - ketones, #5 - chlorinated hydrocarbons, #6 - non-aromat[illegible] rbons and #7 - aromatic hydrocarbons.

Except that the containers [illegible] to be as large as 55-gallon [illegible] the safety, labeling, and [illegible] given in the October Memorand[illegible] shall also apply to the new [illegible] #6 and #7. These arrangements were discussed with Mr. G. C. [illegible] - 84520 in a telephone conversation on November 15, 1976.

J. G. WEINMAN - 85430

:ro

Copy to:

J. P. Engert	- 85400
W. E. Hower	- 85410
R. R. Wahlberg	- 85420
F. J. Reilly	- 85430
K. G. Mallett	- 85440
S. M. Patchel	- 85520
D. Pinato	- 85530
J. F. Keating	- 85631
J. Drake	- 85629
W. J. Thomas	- 85531
G. C. Tranchetti	- 84520
A. J. Basile	- 85430
R. A. Patricco	- 85430

ABA000183

932620028

SEP 15 1976

MR. F. W. KLEINER - 83330

Re: Disposal of Waste Materials

We've reviewed your proposed section 7.8, paragraph 4.09 for disposal of Copper Protecting Wastes and have the following comments to offer.

1. Exclude any references to "or equivalent" for the materials you're presently using. Each material change must be revaluated to ensure that the instructions are correct for it.

2. For the Copper Cleaner Solution: Include instructions to the shop to periodically issue a purchase order to dispose of the waste acid through a scavanger licensed by the New Jersey Bureau of Solid Waste Management. The scavangers usually use a flat bed holding 80 drums. Establish your period based on full load disposal. Include in instructions method of filling out appropriate paper work. Our department will assist you in the total details once you've identified all the chemical constituents in the waste. This last instruction is required by DOT Hazardous Material legislation.

3. For the Redox 5020, 5020A & Displaced Water Mixture:

   a. A disposal purchase order will also be required here. Instructions should follow outline described for Copper Cleaner Solution, including appropriate paper work.
   b. All containers must be labeled "Flammable". It will be necessary to order a supply of appropriate labels. Transportation (Guy Pasquino) can assist there.
   c. Include in instructions: "For flammable liquids the waste disposal drum must be grounded and vented, and when filling from any metal container, bonded to that container."

The above information is mandatory because of the current State and Federal Solid Waste Management and Hazardous Materials legislations. If you need any assistance related to those laws, contact Chris Tranchetti on extension 4304.

ORIGINAL SIGNED BY
J. G. AMBERS
J. G. AMBERS - 84520

gcj
GCT:84520:sp

ABA000188

932620029

October 11, 1976

MEMORANDUM FOR RECORD

Re: Waste Liquids

To comply with State Regulations, waste liquids must be segregated as opposed to the former practice of collecting all types in a single container. Deliveries to the flammable materials storeroom at Clark are now accumulated in clear drums for shipment to Kearny by Company truck. The categories are:

1. Alcohol
2. Acetone
3. Freons (TF and TMC)
4. Oils (Lubricating, Hydraulic and Castor)

In addition to these materials, waste trichloroethylene is collected in a separate container during the periodic cleaning of the vapor degreasers.

If it becomes necessary, new categories can be added or the existing ones modified. Where mixtures are now allowed the compositions have the approval of the Environmental Engineering Organization.

For handling and storing these liquids, the same procedures as specified for the chief component of the waste shall apply. The instructions are given in Layout SEK-100 which references the applicable Company Instructions and manufacturing standards. Each emptied 55-gallon solvent drum that serves as a waste container shall have all the original labeling obliterated and the top head painted so as to accept the following stenciled designation, "Waste (name as listed above)/ Deliver to OP Store/From 85530".

C. G. WEINMAN - 85430

:ro

Copy to:
T. P. Engert - 85400
W. E. Hover - 85410
R. R. Wahlberg - 85420
F. J. Reilly - 85430
K. G. Mallett - 85440
S. M. Patchel - 85520
D. Rinato - 85530
C. K. Wolf - 85620
J. C. Ambers - 84520
G. C. Tranchetti - 84520
A. J. Basile - 85430
W. J. Thomas - 85531
R. Frey - 85622
W. G. Higginson - 85633

ABA000189

932620030

November [illegible], 197[illegible]

[illegible]

Re: [illegible]

[illegible] of segregated liquid wastes [illegible] in addition [illegible] described [illegible] categories are needed in order to handle [illegible] shop and laboratory wastes. The seven categories are:

1. Alcohol [illegible]
2. Acetone [illegible] and components [illegible]
3. Freons [illegible]
4. Oils [illegible] castor.
5. [illegible]
6. Mineral Spirits
7. Toluene Xylene [illegible] as a contaminate

For the small quantities of [illegible] generated by the testing laboratory, several of the [illegible] may be construed in their broad sense; namely, #1 - all [illegible] #3 - ketones, #5 - chlorinated hydrocarbons, #6 - non-aromat[illegible] and #7 - aromatic hydrocarbons.

Except that the containers [illegible] to be as large as 55-gallon [illegible] the safety, labeling, and [illegible] given in the October [illegible] shall also apply to the new [illegible] #6 and #7. These arrangements were discussed with Mr. [illegible] - 8-520 in a telephone conversation on November 15, 1976.

[illegible]. G. WEINMAN - 85-3[illegible]

:ro

Copy to:
T. P. Engert - 85400
W. E. Hower - 85410
R. R. Wahlberg - 85420
F. J. Reilly - 85430
K. G. Mallett - 85440
S. M. Patchel - 85520
D. Pinato - 85530
J. F. Keating - 85631
J. Drake - 85629
W. J. Thomas - 85531
G. [illegible]. Tranchetti - 8-520
A. J. Basile - 85430
P. A. Patricco - 85430

ABA000190

932620031

Western Electric

100 Central Avenue
Kearny, N.J. 07032
201 344-7700

recycle

Environmental Con
and Safety Depart

MAY - 5 1977

MR. W. A. STRENK, Department Chief
Environmental Engineering
222 Broadway

Re: Your Letter of April 27, 1977 on Solid Waste Disposal

This is in reply to your subject correspondence in which you requested informati about Kearny's solid waste, recycling and reclaiming efforts. While questions 1, 2, and 3 requested disposal, reclaiming, recycling and selling information "annually", we only addressed our reply to 1976 data. The response to question 4 was provided in summary form for only 1976, but in detailed form (by scrap class and sub-class) for the years 1971-1976 inclusive. To assist you in interpreting these classes and sub-classes, we have also provided a copy of C.I. 50.417-Ky. Appendix A (Manufacturing Scrap Classifications Numerical Index)

Listed below, and attached, are the answers to your questions.

Q. 1. What quantity of a) paper, b) cardboard, and c) IBM cards are recycled or sold annually?

a. Paper - 7370 pounds sold
b. Cardboard - 30607 pounds sold
c. IBM Cards - 125367 pounds sold

Q. 2. What quantity of the following is disposed of or reclaimed annually?

	Disposed	Reclaimed at Kearny	Sold to Reclaimers
a. Perchloroethylene	-	3025 gal.	7150 gal.
b. Methylene Chloride	-	-	3347 gal.
c. Paint Slu[illegible]	4400 gal.	-	-
d. Other Mi[illegible] olvents	-	-	14025 gal.
e. Waste Oi[illegible]	-	-	43050 gal.

ABA000191

932620032

Western Electric
100 Central Avenue
Kearny, N.J. 07032
201 344-7700

recycle

Environmental Control
and Safety Department

Q. 3. Quantity and analysis of waste treatment plant sludge disposed of in landfill annually?

We've disposed of 318.95 tons. .t
es us
st the le
s the

Q. 4. What quantity of ferrous, non-ferrous, precious metals and plastics are sold to outside contractors, Nassau Recycle or Hawthorne Works?

Attached are three documents which in combination provide you with the desired information. One, marked "Kearny Works Sales of Reclaimed Materials - Year 1976" is a four page four section summary for last year. Section I is a summary of the materials shipp
Local Works Organizations (Headquarters) and
14,805,000 lbs. with a recovery value to Kear II,
III, and IV further breakdown Section I into
Classification (II), Principle Purchasers (II ?).

The second attachment provides an identification of the quantities of all the material sold from 1971 through 1976 by scrap class. It is a seventeen page document and each page heading lists the specific material and the scrap class it falls into. The scrap class is further broken down to each sub-class and which Purchaser bought it.

The third attachment is C.I. 50.417-KY App. A. This spells out the appropriate description of each of the scrap classes and sub-classes. It's been provided in the event you desire to investigate any of the two previously mentioned attachments in more detail.

This sums up what has been provided. If there are any questions, contact Chris Tranchetti on 8-223-4304.

ORIGINAL SIGNED BY
J. G. AMBERS

GCT:84520:sp

J. G. AMBERS, Department Chief
Environmental Control and
Safety Department

Att. (4 Documents)

ABA000192

932620033

CONFIDENTIAL; SUBJECT TO 1st & 2nd PROTECTIVE ORDERS IN AT&T v. AETNA

PERCHLOROETHYLENE	FORECASTED 1978 USE (GALLONS)
	:0
	:0
	.0
	)0
	:0
Kearny Works	24,100

#5 ? for ?

white out?

...tal - 209,000

...der, 355-3799 1977 Annual use: 3,300 ga

Perchloroethylene used:
Degreasers - MC wire spring relay combs = 50%
Wave Soldering - circuit paks = 50%

They have replaced perchloroethylene in some hand cleaning ... with a combination of peroxide and ammonia.

2.

...Chmielowiec, 374-2525 Annual use: 11,000 ga

...ne used:
3 wave soldering - printed circuits
plan to install 2 additional wave soldering

...e trichloroethylene in an emergeny

3.

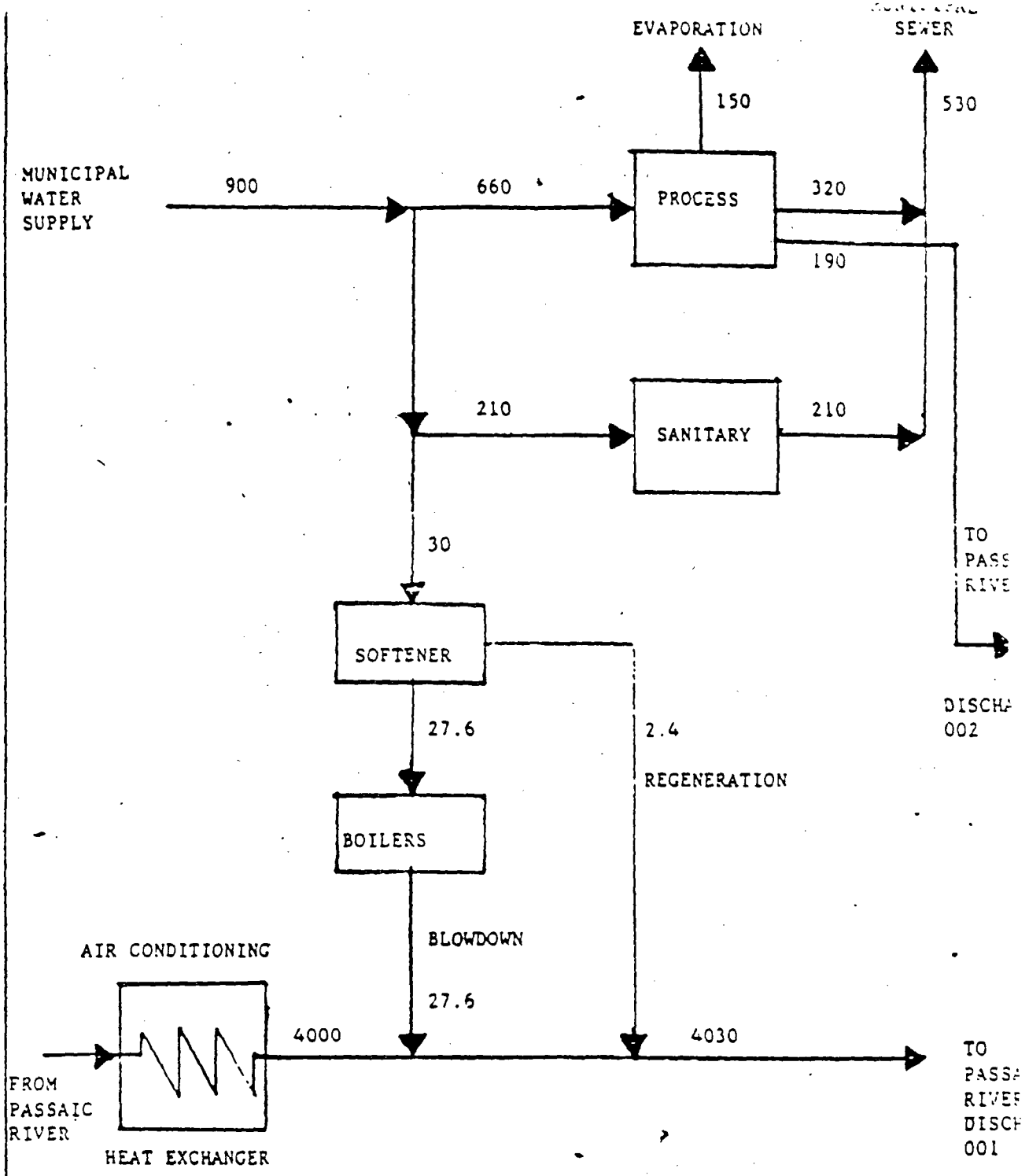
...379-4271 Annual use: 1,000 ga

1 wave soldering - circuit boards

Could probably substitute Freon TMC

ABA000195

BEST AVAILABLE COPY



ISSUE DATE: 9/8/78 PAGE 1 of 1		TITLE SCHEMATIC OF WATER F (THOUSANDS OF GALLON PER DAY)
ABA000196		SCALE
		WESTERN ELECTRIC CO. KEARNY, N.J.

PRINTED IN U.S.A.

932620035

WESTERN ELECTRIC COMPANY, INC.
ENGINEER OF MANUFACTURE
KEARNY, N.J.

APPROVED: 8432
AUGUST 1959-CPWACS

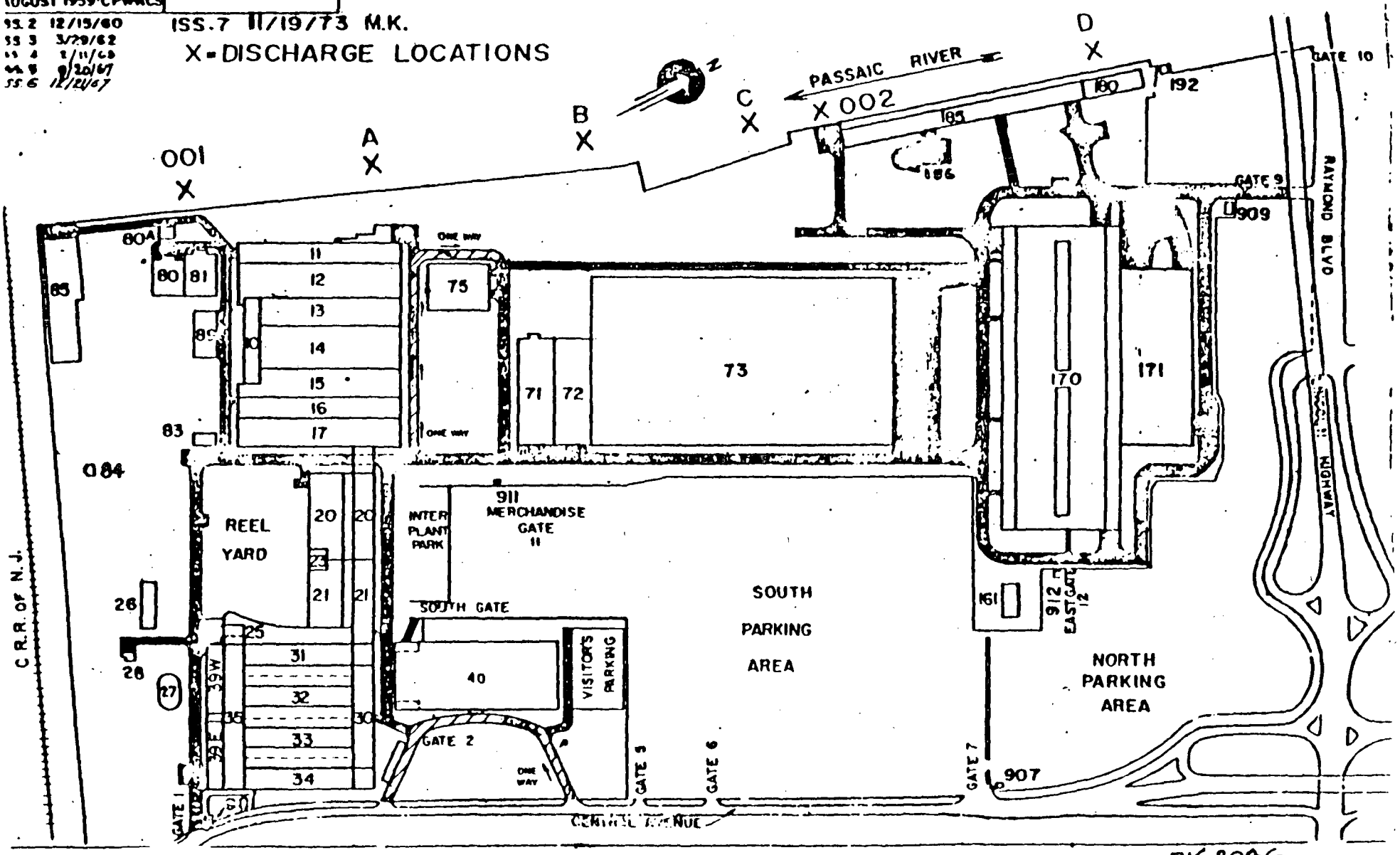
EPK-2036

ISS. 2 12/15/60
ISS 3 3/29/62
ISS 4 2/11/65
ISS 5 9/20/67
ISS 6 12/21/67

ISS.7 11/19/73 M.K.

PLOT PLAN OF KEARNY TRACT

X=DISCHARGE LOCATIONS



932620036

ABA000197

PK 2036

MR.

NOV 1 2 1979

Re: Waste Materials in Drums

In the past, O.P. Stores, Department 24345, has accepted partly filled waste drums. As a result we continually have inventories of partially filled drums awaiting consolidation. Waste is consolidated by lifting partial drums on a truck and tipping them into a funnel. This method is arduous, hazardous and invites spills. Long periods of storage out-of-doors causes drum deterioration and leaks.

New Jersey's new spill law makes it impossible to continue this procedure. Effective 12-1-79, O.P. Stores will only accept completely filled waste drums. Partials will be returned to the shop of origin.

You are cautioned not to overfill waste drums. If an air space of approximately - inches is not left, thermal expansion of the liquid will fracture the drum and cause leaks.

J. T. CHIKOWSKI - 84520

BHR:84520:sr

Copy to:
R. Bondani - 84000
J. Kreitz - 84500
E. F. Chretien - 21100
H. J. Hill - 21400
E. F. Cronin - 21900
B. C. Lewis - 22600
W. J. Hardy - 22700
M. A. Bagden - 22800
R. J. Guthrie - 24200
J. J. Andry - 24300

Memorandum to:
A. MacFarlane - 21160
J. Logio - 21180
J. J. De Lorenzo - 21440
D. E. Williams - 21470
W. J. James - 21910
W. F. Osl, Jr. - 21920
A. A. Young - 21950
D. A. Haupt - 21980
A. A. Bielicki - 22010
J. F. Crowley - 22610
W. A. Kiley - 22630
K. J. Kubicki - 22740
J. R. Wojtowicz - 22750
C. E. Kiamie - 22780
C. W. Rutledge - 22810
H. V. Lawhead - 22820
J. J. Stapleton - 22840
W. J. Rumain - 22870
P. F. Torrell - 24010
R. J. Kochanski - 24210
L. E. Layendecker - 24220
C. H. King - 24250
J. L. Zimerman - 24260
J. T. Papailiou - 24270
T. P. Harlon - 24290
E. J. Warnold - 24310
E. Smith - 24320
F. A. Schuster - 24340
G. H. Henriques - 24610
A. L. Panetta - 24680
L. Attisano - 24345
J. M. Jones - 24341
R. Capetola - 24345

ABA0000198

932620037

DEC 7 1979

MR. J. R. MANDEL - 21000

Re: Handling of Hazardous Materials

During our meeting on November 21, 1979, which included Messrs. Chikowski and Papp of Department 84520, you raised several important questions to which we are responding.

1. Q: How much material may be kept in a shop?

   A: Except for flammables, which are limited to a one-day supply, and constraints of space, economics and floor loading, there is no limit.

2. Q: What instructions should the shops follow?

   A: Methods advises that a new S.I. is being prepared. Until this is published, please follow the attached instructions for the use of Kearny Works container label KW61-2, along with other pertinent instructions.

3. Q: What is the overall picture for the arrangement of hazardous material storage areas.

   A: Approximately half of materials are ordered by shops, half by D.P. Stores.

   Currently, we are almost finished with a major program involving sorting, segregating and reducing inventory in all outside storage areas. When this is complete, there will only be 2 areas in which all materials are concentrated, the Acid Yard south of 185 building and the DP yard south of Building 20. The Acid Yard is further sub-divided, north to south, into a metal finishing area, an empty drum area and a PWB area. The DP Yard is subdivided north to south into a waste area and a new material area. We will be happy to inspect these yards with you at your request.

   All new materials ordered, controlled and stored by the shops are kept in the Acid Yard. All new materials controlled by D.P. stores are kept in the DP Yard.

   All waste is kept in the DP Yard.

   All empties are kept in the Acid Yard.

   Shops need not concern themselves with getting waste or empties into the appropriate yard; all they have to do is fill out the control label and place the drums for pickup by Central Trucking.

ABA000199

932620038

We do not fully concur with the idea that all drop areas should be inside Building 170. Flammables should not be kept in the building longer than necessary. Space is limited, and it would not be economical to try to produce additional space by rearranging shops in a building which is in process of abandonment. At present, it is much more useful for us to control one large outside drop area than to oversee 6 or 10 inside drop areas.

It has been our long range plan to consolidate all hazardous materials into the hands of O.P. Stores in one central location. This will be done in and around Building 161 as soon as the engineering, structural modifications, and reorganizational planning have been completed. As you may know, we submitted a capital appropriation request to accomplish this in a new structure in 1973 but were not able to gain approval. Subsequent implementation has been delayed by Kearny Consolidation).

The important point to remember is that regardless of whether we have centralized or decentralized control of hazardous materials, or indoor or outdoor drop points, the shops still must label, date, seal drums, deliver drums to the proper drop points, etc. If your shop will not, or cannot comply with the container label requirements, the hazardous material control plan which we are scheduled to submit to the State of New Jersey by December 31, 1973, will be materially affected, and we must be notified at once.

ORIGINAL SIGNED BY
R. BONDANI

BHR:84520:sr

R. BONDANI - 34000

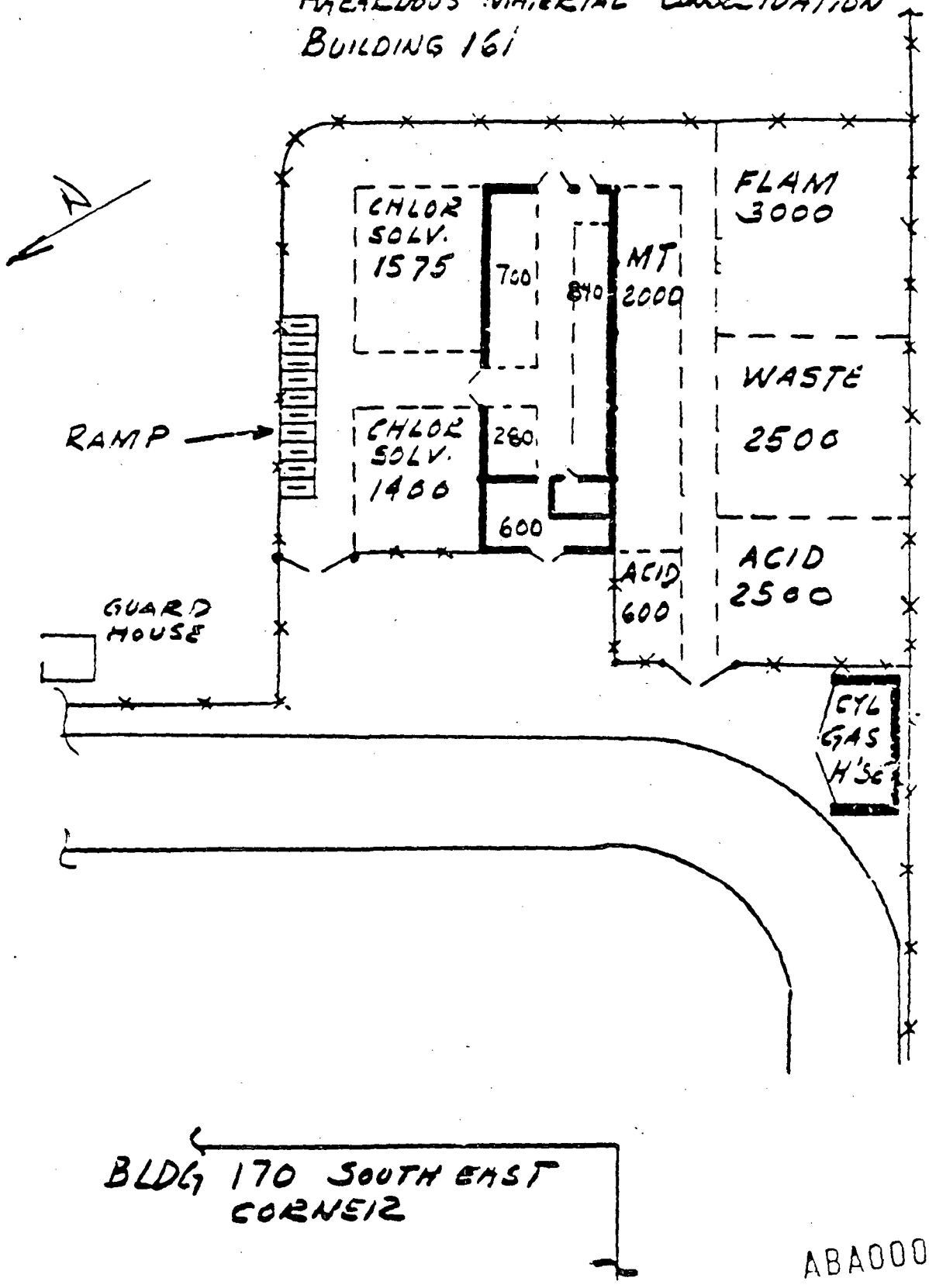
Att.

Copy to:
E. R. Schnell - 20000
D. M. Cuomo - 30000

ABA000200

932620039

HAZARDOUS MATERIAL CONSOLIDATION
BUILDING 161



ABA000201

932620040

MR. R. B. BUTTERFIELD, JR. - 61K11

Under the May 19, 1980, RCRA Regulations, wastewater treatment sludge from electroplating operations is listed as a hazardous waste in Part 261, Subpart D, "Hazardous Waste from Nonspecific Sources." Full compliance with these regulations is required by November 19, 1980.

After this date, our waste treatment sludge must be disposed in a per-

Data and test results indicate our sludge has constituent concentrations well below those indicated in the regulations. A petition for de-listing is therefore in order.

Mr. Miles Morse, an EPA representative in Washington, D.C. was contacted for a grant of a temporary exclusion and a draft copy of our petition was sent for his review. We should be notified by December 5, of our temporary exclusion which would allow us to continue our sludge disposal in the [illegible]. We feel confident that the temporary exclusion will be [illegible]. In addition, we anticipate a permanent exclusion be granted as a result of the attached petition.

The attached letter and associated data we are hereby submitting is our official request for a permanent exclusion. We, therefore, request your approval in this matter.

CFC:34520:sr

D. M. CUOMO - 80000

* STARTED STORING 12/3 ≈ 40,000 lbs
(IN APPEARANCE - DIRT ≈ 2 YDS)

ABA000202

932620041

April 30, 1981

MEMORANDUM FOR RECORD

Re: Closure Plan for Storage Facility

In the event closure of the Kearny Works facility were necessary; acceleration of our current disposal contract would be effected to remove all stored hazardous wastes. All tanks in which the wastes are generated would be drained into 55 gal. drums and disposed of through our disposal contractor.

:sr

G. C. TRANCHETTI - 84520

ABA000241

932620042

August 26, 1981

MR. J. P. LOGIO - 24740

Re: Specialized Environmental Training Required by Federal State and Local Laws Pertaining to the Receival, Handling, Storage, Control and Disposal of Hazardous Materials

Environmental Laws since 1976 have necessitated special attention and training for hazardous material storekeeping functions over and above normally recognized storekeeping duties.

1. Receival

Item	Required By*
Determine if material is combustible, flammable, reactive, toxic caustic or corrosive. This includes solids liquids and gases. Apply appropriate labels.	OSHA and DOT

2. Handling - Storage - Control

Item	Required By
Segregate in storage acids from cyanides, flammables from other categories, etc.	OSHA
Follow trucking and handling procedures to prevent or contain spills which would result in civil and criminal judgements.	USEPA NJDEP
Handle and dispense highly flammable materials safely.	OSHA Insurance Co's. C.I.
Administer Authorization system to assure distribution only to authorized shops.	OSHA C.I.
Police functions of shops, and truckers, returning waste materials (packaging, segregation, identification, etc.)	OSHA RCRA NJDEP USEPA

3. Disposal

Item	Required By
Determine constituents of wastes to segregate into ignitable, corrosive, toxic and reactive via 100% sampling. Regularly interface with chemical test firm.	RCRA

3. Disposal (Continued)

Item	Required By
Monitor qualifications of waste haulers.	RCRA NJDEP
Segregate, package, label, placard and load wastes for shipping.	DOT RCRA
Fill out and sign waste hazardous material manifests and journal orders.	RCRA NJDEP C.I.

Since 1976, Mr. R. Capetola has worked with and received specialized training in the above items from G. C. Tranchetti, Senior Engineer, B. H. Rapp, Senior Engineer, A. J. Basile, Planning Engineer and C. F. Chu, Engineer. Mr. Capetola has contributed greatly to the formulation and practical implementation of the above policies.

BHR:84520:sr

J. T. CHIKOWSKI - 84520

Copy to:
L. C. Attisano - 24749

*Abbreviations of Agencies or Acts

OSHA - Federal Occupational Safety and Health Administration

DOT - Federal Department of Transportation

USEPA - Federal Environmental Protection Agency

NJDEP - New Jersey - Department of Environmental Protection

C.I. - Corporate Instructions

RCRA - Federal Resource Conservation and Recovery Act (administered by USEPA)

ABA000253

932620044

February 4, 1982

MEMORANDUM FOR RECORD

On February 3, 1982, two Interstate Sanitation Commission representatives, Mr. Henry W. Anusiak and Mr. Pete L. Sattler, met with Mr. Joe Chikowski and Mr. Angelo Basile to inspect Kearny's six permitted outfalls to the Passaic River. Attached are copies of D.E.P. correspondence as evidence of State approved authorization for their organization to conduct a monitoring inspection.
They toured the Waste Treatment Plant (002) and were shown the sampling points for both the Powerhouse (001) and outfall 003 located in 12 building basement below the old Cable Shop. We also indicated the location of the manhole covers where the remaining three discharge points (004, 005, 006) are sampled. (primarily storm water drainage outfalls).

We provided verbally the answers to their NPDES compliance questionnaire we had previous received through the mail. They were favorably impressed with the treatment plant especially the clearness of the filtered water in the clarifier.

They plan to return to Kearny unannounced sometime in April of this year to take effluent samples of all six outfalls. They will utilize a mobile laboratory unit on company grounds to analyze the samples. The samples will be taken at periodic intervals during the eight hours the Waste Treatment Plant is expected to be in operation.

Angelo J. Basile 2/4/82
ANGELO J. BASILE - 84520

:sr

Copy to: (without attachment)
J. T. Chikowski - 84520
R. M. Dineen - 84752
D. R. Staple - 84753

Copy to: (with attachment)
J. G. Ambers - 222 Broadway
W. Boyhan - 222 Broadway

ABA000308

932620045

76.302-10

Western Electric Company, Inc.

M. D. I. 75.10
Reissue August 29, 1961
Replaces issue of 5-5-54

HAZARDS-TOXIC, CORROSIVE AND FLAMMABLE MATERIALS

1. GENERAL

1.1 This instruction prescribes the responsibilities for compilation and maintenance of the list of Hazards, (toxic, corrosive and flammable materials) which is published locally as M. D. I. 75.10 Appendix A.

1.2 Definitions

Toxic and Corrosive Materials:

Those materials which if taken internally in relatively small quantities, can cause serious immediate injury or death, as well as other substance sometimes referred to as "industrial poisons" which produce their harmful effect from repeated or prolonged exposure to relatively small quantities of the substance. Injury from these poisons may result from breathing the dust, vapors, mists, or gases, by swallowing the material, or by absorption through the skin.

Flammable Materials:

Liquids or solid substances which are readily ignited or which give off combustible vapors when heated to their respective flash points.

*1.3 Related Instructions

M. D. I. 75.10 4	Storing and Handling of Poisonous Substances, Acids, and Other Harmful Chemicals.
M. D. I. 6-894.1	Engineering Headquarters and Manufacturing Locations

** Plant Construction Standard 110 - Flammable Liquids

*1.4 Hawthorne branch 7300, Development Engineering, is the Engineering Headquarters for this subject. (See EM report Q894.1).

2. COMPILATION AND MAINTENANCE

2.1 The local Hazards Engineer is responsible for the compilation and maintenance of the information in Appendix "A", subject to the approval of the local Plant Inspection Engineering organization.

ABA000164

M

BEST AVAILABLE COPY

932620046

2.2 Appendix "A" shall list the following information.

a - Toxic, corrosive and flammable materials.
b - The applicable RM number.
c - Classification of hazard according to type and degree.
d - Color of safety container (if any).
e - Label to be used on material.

2.21 Additions or changes shall be made to the list by the hazards engineer as they become necessary.

2.21 1 Functional raw material Engineer shall notify the local Hazards engineer when a new material is to be used, a change made in material now in use, or use of a material is discontinued.

2.22 The list shall be reviewed by the Hazards engineer semi-annually.

2.3 All changes, additions, reviews shall be forwarded by the Hazards engineer to the local Business Methods organization for revision of the local instruction.

3. All hazardous materials, as listed in Appendix "A", shall be labeled, stored, withdrawn, handled and used in accordance with the requirements specified in M. D. I. 75.10 4 and Plant Construction Standard 110 so that hazards are minimized or eliminated.

MANUFACTURING DIVISION

Reason for reissue: Par. 1.3 and Par. 3 - Deleted reference to M. D. I. 75.10 11 and added reference to P. C. S. 110. Par. 1.4 - Changed org. 7600 to read 7300.

M

[illegible]

ABA000165

BEST AVAILABLE COPY

932620047

WESTERN ELECTRIC CO., Inc. 17 SUBJECT: Results of Test Boring E7 Made for H.T. Line Btwn Bldgs 170 & 135 in 1962-63 SK # 2455-AEG-01

DEPT. 2455

ENG'R A.E. Gardner DATE 10-24-69

NOTES	ELEV (FT)	SOIL DESCRIPTION
Ground Level	+9.33	
		Misc Fill
	+3.93	
Water Line	0.00	Gray Silt & Peat
	-5.67	
		Soft Gray Silt
	-19.09	
		Medium Gray Sand
	-27.84	
		Trace Clay - Coarse Sand & Gravel
	-33.17	
		Fine Red Sand & Clay
	-37.67	
		Fine Red Sand & Clay
	-47.67	
		Clay
	-51.17	
		Fine Red Sand
	-58.67	
		Compact Red Clay & Fine Sand
	-68.92	
		Compact Sand - Gravel
	-70.67	
		Compact Sand & Gravel
	-80.00	
		Shale

31

ABA000166

932620048

January 8, 1982

MR. J. J. HEANEY - 84550

Re: PCB Contaminated Transformers

Attached is a laboratory report indicating that all of our high voltage mineral oil transformers have less than 50 parts per million of PCB's except the Wire Mill three, and the fourth from the west end of the row outside [illegible]-3. These four have less than 500 PPM and must be disposed of as PCB contaminated.

We have advised Mr. Wolchok of the [illegible] building condition.

BHR:84520:sr

J. T. CHIKOWSKI - 84520

ABA000306

932620049

CHEMTECH
CONSULTING GROUP INC 350 West 11th Street / New York, New York 10014 (212)255-2100

Western Electric Co., Inc.
100 Central Avenue
Kearny, N.J. 07032

January 4, 1982

Attn: Bruce H. Rapp, Dept. 8452

PROJ. NO.: 11WE3

REF.: 13 Transformer Oils

LABORATORY REPORT

TEST \ SAMPLE DESCRIPTION	PCB Content (ppm)			
T6	<50			
T5 170-South, #4 from West	56.			
T2 Left	<50			
T2 Center	<50			
T2 Right	<50			
T1 Left	<50			
T1 Center	<50			
T1 Right	<50			
Spare	<50			
T8	<50			
T52 WIRE MILL EAST	85.			
T51 WIRE MILL CENTER	120.			
T55 WIRE MILL WEST	61.			

REMARKS: Sample was extracted and analyzed by gas chromatography-electron capture detection.

Alan Schoffman, Ph.D.
Director, Analytical Services

ABA000307

932620050

MEMORANDUM FOR RECORD

Re: RCRA and PCB Inspection at the Kearny Works

On October 27, 1981, Terry Hunter and I visited the Kearny Works for the purpose of conducting a RCRA and PCB plant compliance survey. Chris Tranchetti and Angelo Basile hosted the RCRA tour of the plant and Bruce Rapp conducted the PCB portion.

RCRA Compliance Survey

We used the RCRA checklist and reviewed each item in turn as follows:

1. Manifest - Kearny sends the bulk of their hazardous waste
   1. Manifests
   the N.J.
   part document
   story in this
   es for unsigned
   waste shipment.

2. Containers - The shipping containers and drums we saw were in good condition with proper DOT labels and the EPA hazardous label (photostat attached) filled out and attached to every drum of waste. We saw no placards as there were no trucks evident.

3. Written Inspection Plans for Storage Area - They do not have any.

4. Contingency Plans - They are using the coordinators indicated in the NJ spill control plan, and are just finishing drafting the plan (copy attached).

5. Personnel Records, Job Description and Training - A training program has been prepared and implemented for two people for the receival, handling, storage, and disposal of hazardous waste. (copy attached)

6. Additional Records - 1) Exception reports; are applicable when manifests are not returned by disposer, Kearny keeps records and uses 35 days as time limit before following up. 2) Test results on wastes - routine tests are performed on all wastes by an outside laboratory. 3) Descriptions and reports of incidents resulting from hazardous waste management. - None to date.

7. Storage Facilities

   A. RCRA Permit or "Interim Status" - Kearny has filed for "Interim Status" as a storage facility.

   B. Storage Area - The storage area, (Pad) 135' x 85' is open to the weather and fenced in with an 8' chain link fence. The area is diked with a concrete curb which varies from 6" to 18" depending upon the ground slope. The area has a large warning sign on the fence identifying the enclosure as a storage area. There are no fire extinguisners as yet in the storage area but they have been ordered. The storage area is 75 feet from the plant security police and fire control stations.

   C. Spill Collection System - Their spill control plan consists of covering potential spills with "speedi-dri" and calling their scavenger in for clean up.

   D. Drainage - The storage area has a large drainage pit in the approximate center. The pit is equipped with a manual valve and the drain leads to the river. The storage area can be drained within four hours after a heavy rain with this system. RCRA requires that drums stand in rainwater no more than one hour after a rain. Kearny has the drums stored on pallets and therefore meets this one hour requirement.

   E. Closure Plan - Copy attached

In conclusion, we feel that the Kearny Works satisfactorily meets the RCRA requirements for a generator and storer of hazardous waste. We also feel there is weakness in several areas as follows:

1. The collection system for spills could allow hazardous waste into the storm drain.

2. The storage area should really be roofed over to keep rainwater etc. off the drums and out of the area.

3. The drain system and valve could be a problem in freezing weather.

4. Asphalt pad is cracked and should be impervious.

PCB Inspection

Kearny has 13 PCB transformers on site using "pyranol" and "abestol" as the dielectric fluid. Of these transformers, seven are inside installations and the remaining six are outside, two of which are not functioning and considered storage tanks. They also have a drum storage area inside with a total of twelve 30 gallon drums containing virgin PCB liquid used for transformer make-up.

NOV 5 19

We reviewed their annual PCB summary record and the transformer inspection record under the "Interim Measures Program". These records were satisfactory and up to date. Following this, we reviewed the PCB marking and storage requirements and looked at all transformers and the drum storage area. During this review, we found several items in these areas which were not in compliance with the PCB final rule (40 CFR Part 761).

These non compliance areas are as follows:

1. No label on the east unit transformer at the waste treatment plant.

2. The (2) transformers in outside storage at building 170 south are not diked.

3. The (2) transformers in outside storage at building 170 south do not have "adequate roof and walls to prevent rain water from reaching the stored PCB items."

4. The storage area in the basement of Building 32 is below the 100 year flood level.

5. The storage area is not adequately marked with mark "ML" which is the specified label. However, the area is identified as a PCB storage area with a non standard label.

6. The storage area is not diked.

7. The stored drums have no labels.

The non compliance items were reviewed with Bruce Rapp who informed his supervisor Mr. Chikowski. I was assured that these items would be corrected as soon as possible.

A. H. STAHELI
Senior Engineer

Atts.

rb

RECEIVED
OCT 4 1985
SAFETY & ENVIRONMENTAL CONTROL

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
CN 028 Trenton N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

JORGE H. BERKOWITZ, Ph.D.
ADMINISTRATOR

Sam Alan Chesler on 1/10/86
Copy to Joe Goliszewski & Angelo Basile on 1/14/86

Pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection (NJDEP) by the Environmental Cleanup Responsibility Act (ECRA, N.J.S.A. 13:1K-6 et seq.) and duly delegated to the Chief of the Bureau of Industrial Site Evaluation pursuant to N.J.S.A. 13:1B-4, the referenced Industrial Establishment is considered to be in full compliance with the Act. NJDEP hereby certifies that the referenced Cleanup Plan has been implemented and completed in accordance with the terms of the July 30, 1984 approval.

This certification is based upon the satisfactory completion of the Cleanup Plan as supported by site final Cleanup report dated August 27, 1985 and NJDEP's final inspection on September 9, 1985.

This Notice will serve to return and release the referenced Financial Assurance and any other funds held pending compliance with ECRA.

Sincerely,

Anthony J. McMahon, Chief
Bureau of Industrial Site Evaluation

E538:dr

ABA000383

New Jersey Is An Equal Opportunity Employer

932620054

4. STORAGE FACILITIES

The site maps in Section 2 of this Notice have a vertical (alphabetical) grid index on the left hand side, and a horizontal (numerical) grid index along the top. The following paragraphs discuss storage facilities in a clockwise order of rotation beginning in the lower left corner of the first site map titled, "Site Plan - Bulk Storage and Transfer."

1. Building 25, Grid Index J-4, has 32 adjacent underground tanks. The tanks range in capacity from 500 gallons to 4,000 gallons. The tanks contained oils and paint thinners but were drained and filled with sand approximately 20 years ago. No action is therefore necessary.

2. A small amount of silt pumped from Powerhouse cooling water tunnels was examined for contaminants and deposited at Grid Index J-2 several years ago. A laboratory report on the silt is included in Section 16 of this Notice. The silt is environmentally innocuous, and no action is therefore necessary.

3. An outdoor storage yard for virgin materials and another for waste materials are located at Grid Index I-3. The materials are stored on impervious pavement, and no spills have occurred. See action proposed under Section 9 of this Notice, Decontamination, Decommission and Disposal, Procedure No. 1.

4. Four, 10,000 gallon, underground tanks are located south of Building 83 at Grid Index H-3. Three tanks contained No. 4 oil and were drained and filled with sand approximately 15 years ago, therefore no action is needed for these tanks. The fourth tank contains diesel oil. It is currently in use, well maintained and regularly gauged. No leakage is evident. See action proposed under Section 9, Procedure No. 2.

5. The 840,000 gallon, Powerhouse standby, No. 6 oil tank is at Grid Index G-3. The tank floor is a heavily reenforced, sixteen inch thick concrete slab on a piling grillage 3 ft., 10 in. on centers in both directions. The steel tank walls are entirely visible with no evidence of leakage. The tank is surrounded by a steel dike of adequate capacity to contain a complete rupture. The tank is well maintained and regularly gauged. See action proposed under Section 9, Procedure No. 1.

6. Building 85 basement, Grid Index E-1, has some slightly oily liquids in pits and dried, copper-bearing sludge on the floor. See action proposed under Section 9, Procedure No. 1.

7. The 20,000 gallon, Powerhouse, No. 6 oil day tank, Grid Index F-3, is in an underground vault and not used. There is no evidence of leakage. See action proposed in Section 9, Procedure No. 2.

8. The Garage, Grid Index E-7, has two underground 10,000 gallon gasoline tanks. The tanks are well maintained, regularly gauged and show no evidence of leakage. See action proposed in Section 9, Procedure No. 2.

9. There are two, above ground, 1,800 gallon, liquefied petroleum gas tanks at Grid Index E-8 and three more at Grid Index B-19. Any spills would instantly volatilize. See action proposed in Section 9, Procedure No. 2.

10. Raw materials and empty drums are stored on impervious pavement in an outside yard at Grid Index E-12. See action proposed in Section 9, Procedure No. 1.

11. Numerous above-ground tanks serve the plating operations and its associated Waste Treatment Plant, along with a conveyorized paint line-washing machine in Building 185. Refer to Grid Index D-13. The entire train of tanks, piping, exhaust ductwork and pollution control equipment will be decontaminated as outlined in Section 9, Procedure No. 3.

12. Buildings 170 and 161, Grid Index I-15, were environmentally cleaned and demolished in 1981. No action is therefore necessary.

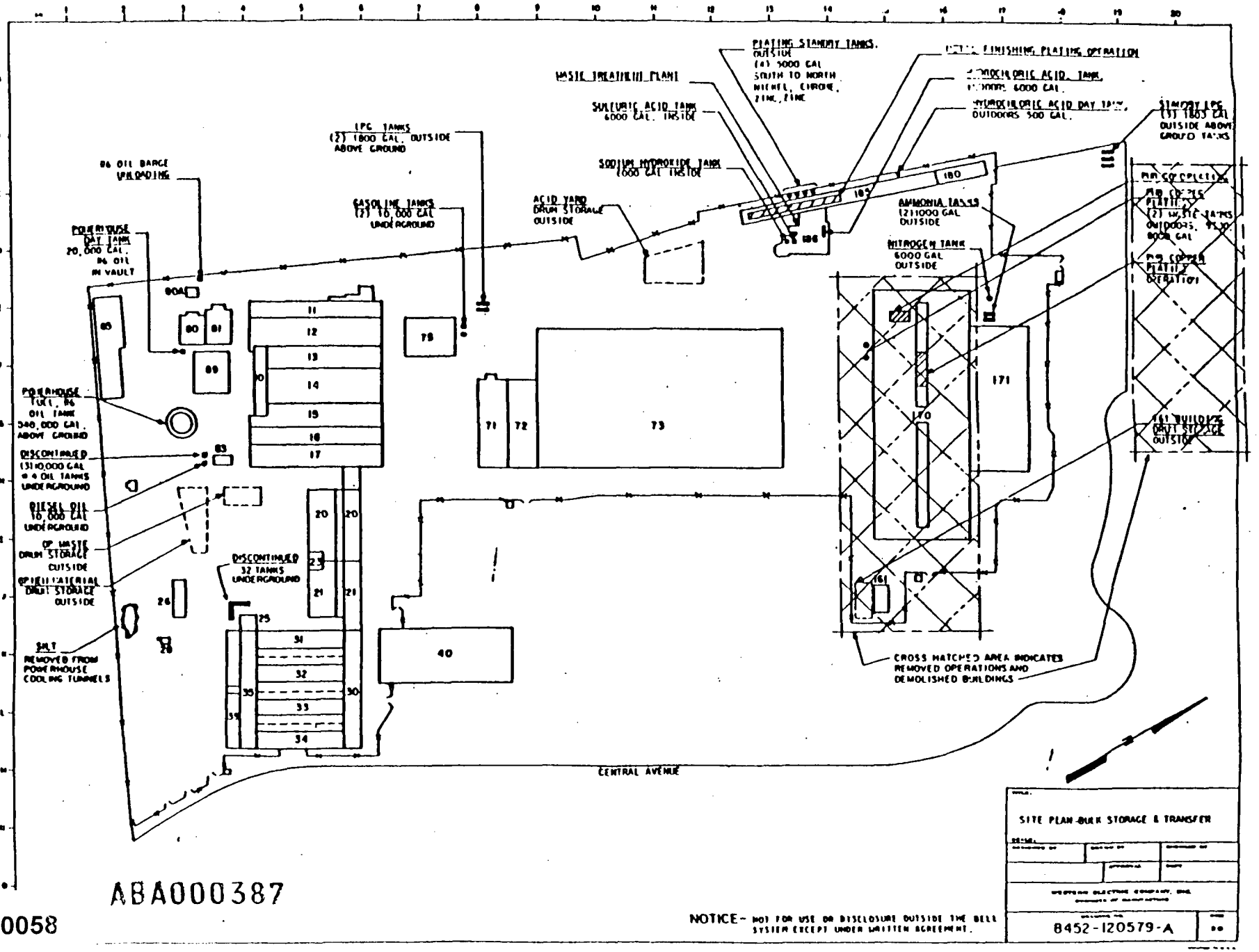
13. Building 171 has two, outside, above-ground, 1,000 gallon, anhydrous ammonia tanks and one, 6,000 galon, liquefied nitrogen tank at Grid Index E-17. Any spills would instantly vaporize. See action proposed in Section 9, Procedure No. 4.

14. Building 171 has a small heat sink oxidizing operation at Grid Index E-17 and a washing machine with cleaning tanks at Grid Index F-18. All are effluent-piped to the Waste Treatment Plant and will be decontaminated aong with Building 185 plating solutions as outlined in Section 9, Procedure No. 3.

15. Air conditioning is provided to a number of buildings via the circulations of chromated, chilled water generated in the Powerhouse, Grid Index E-3. See action proposed in Section 9, Procedure No. 3.

16. Prior to 1963, a large coal pile was maintained in the area defined by Grid Indices F-H-2-3. The weight of the coal probably produced soil settlement, and there may be a thin layer of coal fines under the current gravel surface. this is environmentally harmless, therefore no action is required.

Refer also to Section 6 of this Notice for a inventory of numerous small quantities of hazardous materials which fall within the purview of the Cleanup Regulations.



ABA000387

932620058

NOTICE- NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT.

WESTERN ELECTRIC ENVIRONMENTAL POLLUTION SURVEY

Plant Design and Construction

June, 1972

932620059

SOLID WASTE (Cont'd)

One means of reducing the amount of solid waste is incineration. Incineration can be a practical means of disposal if wastes are segregated, and incinerators are properly designed, maintained and operated. However, the reappraisal of the total system, identifying the initial source of the waste and taking steps to reduce and/or recycle, would be a far more acceptable solution.

IMPLEMENTATION OF A POLLUTION ABATEMENT PROGRAM

Most conferees felt that centralized control by a headquarters organization was necessary for the successful implementation of a pollution abatement program. A need exists for an audit or annual inspection of pollution control equipment to ensure effective operation and maintenance. This central organization should publish guides and provide for a continuing communication of data from the field. An additional function would be to review equipment design drawings and specifications prior to installation.

SUMMARY

The conferees at the Work Shop expressed appreciation for being able to participate in discussions concerning environmental pollution and felt that there should be some vehicle established which would permit an interchange of information concerning the problems encountered in pollution control. They also expressed an interest in having more seminars on the subject.

ABA000170

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932620060

ATTACHMENT A

SOLID WASTE SURVEY AT MANUFACTURING PLANTS

SUBJECT: Paper, Cardboard, Wood & Plastic

LOCATION	Est. yds. per wk.	Loads per wk.	Cost per wk.	Hauled by	Dump Miles	Life Yrs.
	275	C-11	$1100	Cont.		
	2130(a)	C-C-68	$2840	Cont.	P-M-	5
	810	C-C-11	$ 500	Cont.	P-5	10
	270	C-18	$ 600	WECO	M-12-1	10
	1750	C-C-10	$ 760	WECO	M	3
	205	C-10	$ 280	WECO	M-12	
	850(a)	C-50	$1100	Cont.	P-15	5
	460	C-10	$ 335	Cont.	P-20	10
KEARNY	880	C-22	$1425	Cont.	M-4	
	713	C-8	$ 187	Cont.	M-2-1/2	
	50 est.	C-3	$ 200	Cont.	M-6	2
	1000	C-29	$1506(1)	WECO	M-5	5
	200	C-10	$ 630	Cont.	P-M-7	15
	500	C-20	$ 800	Cont.	P-17	1
	1100(a)	C-30	$1455	Cont.	M-6	2
	559	C-13	$ 442	Cont.	M-10	
	250	C-8	$ 700	Cont.	P-10	10
	510	C-25	$ 920	Cont.	P-10	1
	500	C-C-26	$1250	Cont.	P	
	106		$ 210	Cont.		
	80	4	$ 320		P-10	
	180 est.	C-C-11	$ 550	WECO	Mil. 3	10
	170	10	$ 350	Cont.	P-14	
	180	C-5	$ 230	Cont.	P-5	10
	100	C-5	$ 500	Cont.	P-20	
	33	C-10	$ 380	Cont.	P-10	12

O = Open Truck
C = Compacting Truck
P = Privately Owned
M = Municipal Owned

Cont. = Contractor or Scavenger
(1) = Includes Labor
(a) = Does not include plastics which are salvaged

ABA000171

932620061

ATTACHMENT 3

SOLID WASTE SURVEY AT MANUFACTURING PLANTS

LIQUIDS: (Not Handled by Treatment Plant

LOCATION	SOLIDS gals. wk.	SOLVENTS FLAMMABLE gals. wk.	SOLVENTS gals. wk.
	3000 (a)	(a)	[illegible]
	20	6250	550
	200		
	55	550	
	10,500	10,000	[illegible]
	(a)	250	(a)
	5000	1100	
	1000	11,000	1600
KEARNY	(a)	2700 (a)	(a)
	(a)	100 (a)	(a)
	165		55
	(a)	1000 (a)	(a)
	1370	100	
	1099	300	1375
			110
		3500	1500
		350	
	(a)	60 (a)	
	(a)	- (a)	
	75		
	50	150	
			4300
	(a)	350 (a)	(a)
			2
	20 (a)	10 (a)	10 (a)

(a) = These materials are mixed together.

ABA000172

932620062

[illegible]

[illegible]

[illegible]: All Metals are salvaged by [illegible] Smelting or local scrap dealer

LOCATION	qty wk tons con.	qty wk tons [illegible]
	295	
	4.4	
	[illegible]	
	M	
	140	
	M	
KEARNY	M	
	21	9
	15	
	13	
	M	
	142	204.9
	.6	
	1 load/wk	
		10
	300#	

M = Mixed with Paper rubbish

ABA000173

Problem	Example
1-Chemical spills washed into storm sewer	
2-Elimination of direct waste discharges to storm sewer	
3-Spills of fuel oil to storm sewer	
4-Caustic & Hydrofluoric acid spills	
5-Chemical spills in plating shops & chemical storage areas	
6-Oil discharge to sanitary sewer	
7-Storm sewer through hospital park pond	
8-Cleaning sumps of Copper chips - drawing compound, acids & grease	
9-Dumping problems from plating shops	
10-Industrial wastes to sanitary sewage treatment plant	Kearny
11-Chrome wastes to storm sewer	
12-Heat exchanges failure release of chromates	

ABA000174

932620064

NOV 22 1971

(1971)

File No. P.S. 4.7
Kearny
SPL - 2330

MEMORANDUM FOR RECORD

Re: Meeting with Passaic Valley Sewerage Commission
Proposed Kearny Treatment Facility

The writer met with Mr. S. A. Lubetkin, Chief Engineer for the Passaic Valley Sewerage Commission on November 17, 1971 to discuss the proposed installation of the Kearny Chemical Waste Treatment Plant. Also in attendance were Messrs. W. F. Koepke, J. R. Duranto, R. V. Day and L. J. Milascia. The following items are in reference to our meeting.

1. The Passaic Valley Sewerage Commission has no objection to the discharge of pre-treated wastes to the Passaic River provided it meets effluent criteria. New effluent criteria standards are presently under review by the Commission.

2. The Passaic Valley Sewerage Commission would have jurisdiction of effluent discharged to the Passaic River. Approval, however, would also have to be obtained from the Corps of Engineers. Approval by the Passaic Valley Sewerage Commission would be almost automatic once the Corps has given approval. When the Plant is operational the Passaic Valley Sewerage Commission would be functional in periodically monitoring our effluent.

3. Should we decide to remain in the sewer system, approval by the Passaic Valley Sewerage Commission or the Corps of Engineers will not be required. Mr. Lubetkin did suggest we keep the Corps informed. Discharge to the sewer will require approval by the State and either the Interstate Commerce Commission or the Hudson County Sewer Authority pending final disposition of the town of Kearny sewerage treatment facility presently operated under jurisdiction of the State.

4. Regardless of our point of discharge the State should be kept informed. A meeting with the State is scheduled for Wednesday, November 24, 1971. A meeting with the Corps of Engineers will be scheduled sometime in the near future.

Before a final decision is made on the point of discharge it would be advisable to keep the Kearny Plant people informed since they may be aware of local considerations that might affect the final decision.

Design can proceed concurrent with our meetings with governing authorities.

Original signed by
T. L. CARROLL

T. L. CARROLL

sdaf

Copy to:

J. F. McGowan — W. F. Koepke — R. V. Day
R. E. Pucci — J. R. Duranto — L. J. Milascia

ABA000176

932620065

File No. P.E. 4.7
Kearny
EPA - 2330

DEC - 2 1971

MEMORANDUM FOR RECORD

Re: Kearny Waste Treatment Plant

A meeting was held on November 24, 1971 with the State of New Jersey Department of Environmental Protection, Division of Water Resources. Attendees at that meeting were the writer, R. V. Day, and L. J. Milosis from the Western Electric Company and Messrs. Douglas Clark and Thomas Harding from the State. The following items were discussed:

1. The State sees no problem with the discharge from the proposed chemical waste treatment plant to the Passaic River.

2. When the State has had the opportunity of reviewing our proposed treatment system they may suggest that we go to batch treatment of cyanide rather than the flow-thru type as presently proposed.

3. Should we decide to discharge to the Passaic River, approval of the Corps of Engineers will be required. Since this can be time consuming, the State suggested that we ask the Corps if it would be permissible for us to operate the facility under a State permit until the Corps has had an opportunity to review and approve our application.

4. The State requires licensed operators for the treatment facility.

5. The State suggested that along with the Corps of Engineers we should contact the City of Kearny, the Interstate Sanitation Commission, and the Hudson County sewer authorities.

6. A brief discussion ensued as to the possibility of recycling any of our waste streams. We informed the State that we were looking into the possibility but were not in the position to make any commitments at this time.

It is suggested that the Kearny Plant people be invited to sit in on any further meetings we have with regulatory agencies.

Original signed by
T. L. CARROLL

T. L. CARROLL

:daf

Copy to:
J. P. McGowan
R. H. Pucci
W. F. [illegible]
J. R. [illegible]
R. V. Day
L. J. Milosis

ABA000177

932620066

File No. PS 4.7
General

MEMORANDUM FOR RECORD

Re: Refuse Act Permit Application
Future Waste Treating Plant - Kearny

On June 16, 1972 Messrs. M. Koosman, L. J. Miloscia, and W. S. Boyhan met at the office of Mr. J. Falkenbury of the Corps of Engineers to discuss filing of an application for the future discharge.

The following conclusions were reached:

1. Submit a new Section II and a revised flow diagram for the new discharge on an "as proposed" basis, at least 120 days before start-up.

2. Do not submit a new Section I to conform with the new Section II.

3. The Corps will not issue a permit on the proposed discharge. They will take no action on the application for the proposed discharge until after they receive a revised Section II containing analyses based on representative samples taken after the new plant has been debugged and settled down. This revised Section II is to be accompanied by a revised Section I reflecting the "as is" status of the plant. Mr. Falkenbury indicated that the revised sections would usually not be expected until 6 months, or so, after initial plant start-up.

4. The lack of response from the Corps on the "as proposed" application cannot be taken as an indication that the Corps of EPA will accept the "as is" application.

Walter S. Boyhan

WALTER S. BOYHAN
Senior Engineer

:def

Copy to:
T. L. Carroll
W. H. Cooper - 123 William St.
M. Koosman - Kearny
R. V. Day
E. T. Lee
L. J. Miloscia
P. J. Mock
A. P. Durso, Jr.

AEA000178

932620067

COMPANY PRIVATE

Final Report

Environmental Information Survey Of 1972

June 1,1973

Plant Design and Construction

Western Electric

ABA000179

932620068

KEARNY - MAIN PLANT

Intake:

City Water - 1,710,000 GPD
Passaic River - 8,000,000 GPD - once-through untreated air conditioning cooling water.

Discharges:

To sanitary sewer: Five discharges containing untreated industrial and sanitary wastes and all other plant wastes.

To stream: One discharge containing the once-though, untreated cooling water for the power house air conditioning.

Waste Treatment:

At the time of the Survey, there were no waste treatment facilities in operation at the Kearny Works Main Plant. A new WTP, however, is in the process of being built.

Problem Parameters:

The following parameters were detected during the Survey at levels which would constitute violations of the Kearny sewer code:

Oil and Grease*	3 of 5 days

X TPH

The following parameters were detected at significantly high levels but for which there are no applicable standards:

Zinc*
Total Dissolved Solids
Ammonia
Chromium, total**
Copper**
Nickel*
Fluoroborate
Chloride
Sodium

Zn
Cr
Cu
Ni

Comments:

*The location has indicated that several programs are underway to control oil and grease.

**The high levels are a result of the various plating facilities. These operations will be transferred to a new centralized plating facility whose effluent will be handled in the new WTP.

ABA000180

932620069

Kearny Works

Western Electric

100 Central Avenue
Kearny, N J 07032
201 465-4000

:nager

Re: Western Electric Company Kearny Waste Treatment Plant Sludge

Dear Mr. Capener:

Enclosed is the additional sample you requested per your letter of April 30, 1982, to Mr. Angelo J. Basile. This sample is a composite of our sludge filter cake taken over a period of seven (7) production days.

Also, for your use as comparative information, the following results are from a recent sludge analysis conducted by our laboratory for the metals of environmental concern to us:

Metal	Total (mg/kg)*
Chromium	12,000
Copper	2,300
Lead	2,400
Nickle	4,200
Zinc	150

*Wet basis - 79% moisture

We are glad to be of help in this matter and appreciate your interest.

Yours truly,

AJB:15KY684520:sr

J. T. ZHIKOWSKI, Department Chief
Environmental and Safety Engineering

Copy to: (with att.)
J. G. Ambers - 222 Broadway

ABA000309

932620070

April 30, 1982

Mr. Angelo J. Basile
Western Electric
100 Central Avenue
Kearny, NJ 07032

Dear Mr. Basile:

The first sludge sample provided in February has been analyzed by [redacted]rocessing Company. The preliminary results, as noted below, indicate marginal resource recovery potential:

Semiquantitative Analysis

SiO_2	63.0%
Al_2O_3	7.2
CaO	0.64
P_2O_5	Traces < 1.0
Fe_2O_3	16.0
MgO	0.93
Na	Traces < 0.10
Cu	1.1
Ti	0.043
Pb	0.44
B	0.043
Cd	Not Detected < 0.006
Cr	0.66
Sn	1.0

ABA000310

932620071

Mn		0.060
→ Ni		1.1
Mo		0.020
V	Not Detected	< 0.002
Ag		0.00055
→ Zn		2.6
Zr	Not Detected	< 0.003
Co	Traces	< 0.002
Sr	Not Detected	< 0.002
K	Not Detected	< 0.10
Au	Not Detected	< 0.002
Pd	Not Detected	< 0.002
Other elements		nil

Enclosed are additional sampling and mailing materials. Please arrange for the taking of a one (1) pound composite sample of the sludge filter cake produced at your facility. A sample taken over five (5) production days would be preferable and more representative than a grab sample. WRCP would also appreciate receiving a copy of any analysis done on the sludge.

Please don't hesitate to call me with any questions you may have. Your interest and cooperation is appreciated.

Sincerely,

[redacted]

Enc.: As noted.

ABA000311

932620072

Generator Name: WESTERN ELECTRIC COMPANY, INC.

Generator EPA ID No.: NJD002139053

Generator address: 100 Central Avenue, Kearny, N.J. 07032

General description of the Waste: Wastewater Treatment Sludges from Metal Finishing Operations

Does the waste material described on the attached description contain any DHS Class I or DHS Class II materials as defined under COMAR 08.05.05 Regulations .01-.18 (inclusive).

DHS Class I			Approximate Concentration(mg/l
Acrolein	___yes	X no	
Acetylaminofluorene	___yes	X no	
alpha-Naphthylamine	___yes	X no	
Aminodiphenyl	___yes	X no	
Auramine	___yes	X no	
beta-Naphthylamine	___yes	X no	
beta-Propiolactone	___yes	X no	
Benzidine	___yes	X no	
bis(Chloromethyl) Ether	___yes	X no	
Cadmium Salts	___yes	X no	
Chlornaphazine (bis (2-Chloroethyl) 2-Naphthylamine)	___yes	X no	
Dichlorobenzidine	___yes	X no	
Dichlorodiphenyltrichloroethane (DDT)	___yes	X no	
Dimethylaminoazobenzene	___yes	X no	
Dioxins	___yes	X no	
Endrin	___yes	X no	
Ethyleneimine	___yes	X no	
Heptachlor	___yes	X no	
Heptachlor Epoxide	___yes	X no	
Kepone	___yes	X no	

ABA000312

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DHS Class I			Approximate Concentration
Mercury Compounds	___yes	X no	
Methyl Chloromethly Ether	___yes	X no	
Methylene-bis-Chloraniline	___yes	X no	
Mirex	___yes	X no	
Mustard Gas (bi-Chloroethyl Sulphide)	___yes	X no	
Nickel Carbonyl	___yes	X no	
Nitrobiphenyl	___yes	X no	
Nitrosodimethylamine	___yes	X no	
Phosphorus (White)	___yes	X no	
Polybrominated Biphenyls (PBB)	___yes	X no	
Polychlorinated Biphenyls (PCB)	___yes	X no	
Tetrachlorodiphenylethane (TDE)	___yes	X no	
Tetraethyl Pyrophosphate	___yes	X no	
Vinyl Chloride Monomer	___yes	X no	

DHS Class II			
Aldrin	___yes	X no	
Antimycins	___yes	X no	
Arsenicals	___yes	X no	
Asbestos in Fibre Form	___yes	X no	
Chlordane	___yes	X no	
Chromates	X yes	___no	TRIVAL 0.2 Chrome (E.P. Extract)
Cyanides	X yes	___no	Copper 0.1 (E.P. Extract)
Dimethyl Formamide	___yes	X no	
Disulfoton	___yes	X no	
Endosulfan	___yes	X no	
Estrogenic Compounds	___yes	X no	
Flouroacetic Acid, and its salts	___yes	X no	
Guthion	___yes	X no	

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DHS Class II			Approximate Concentration (ug/l)
Mercury (Metallic)	___yes	X no	_____
Mevinphos	___yes	X no	_____
Parathion	___yes	X no	_____
Pentachlorophenol	___yes	X no	_____
Phthalic Acid Esters	___yes	X no	_____
Picloram	___yes	X no	_____
Rotenone	___yes	X no	_____
Toxaphene	___yes	X no	_____
Trichloroethylene	___yes	X no	_____
Trichlorophenol	___yes	X no	_____
Tetraethyl Lead	___yes	X no	_____

Preparer: _____

Date: 1/3/92

ABA000314

932620075

Re: 1981 Wastewater Treatment Plant Survey - Kearny Works

During October 27 through 29, 1981, I visited the Kearny Works to perform a survey of their wastewater treatment plant (WTP). Also, the operation of the WTP has been observed during recent visits to the Kearny Works to conduct laboratory tests in their control room.

General

This WTP was designed for an average flow of 1.1 MGD. During the period of October 1 through 28, 1981, the average flow was approximately 56,000 gpd. Under normal conditions, the WTP is operated two shifts/day, five days/week. There are two licensed operators and a helper on duty during the first shift, and a licensed operator and a helper on duty during the second shift.

The printed wiring board operations in the 170 building have been discontinued. These jobs have been transferred to the Richmond Works. Therefore, the majority of the wastewater which is treated at the WTP is generated in the 185 building. Kearny has been allocated the plating work, for two products, which was formerly carried out at the Kansas City Works. This is expected to increase their wastewater flow by approximately 5%.

Treatment

The WTP contains acid-alkali (A/A) neutralization, chrome reduction, cyanide destruction, solids removal, and sludge dewatering systems. Currently, the wastewater flow through the A/A system is in the acid condition (pH 2.2 - 2.5). Neutralization of this wastewater is not performed in this system. The pH is adjusted in the rapid mix tank after the A/A, cyanide, and chrome wastestreams are mixed. This is done due to the presence of hexavalent chrome in the cyanide wastestream. In order to treat this hexavalent chrome, the pH in the influent chamber to the rapid mix tank is kept below 4 and the residual sulfur dioxide from the chrome system is maintained much higher than the residual chlorine from the cyanide system.

The concentrated acid holding tank is in need of repair. The lining is bubbled in some areas. A job request for the replacement of this lining was prepared on May 13, 1981.

In the chrome system, hexavalent chrome is reduced to trivalent chrome by means of the acid sulfonation reduction process. Sulfuric acid is fed into the chrome treatment tank to maintain an acid environment and sulfur dioxide gas is employed here for its reducing characteristics. The set points in the treatment tank are a pH of 2.3 and an ORP of 280 mv. A sulfur dioxide residual of 30 to 40 ppm is maintained.

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The cyanide wastestream is treated in a flow-through, two stage alkaline chlorination system. Sodium hydroxide is used for pH adjustment and chlorine gas for oxidation purposes in this system. In the first stage the set points are a pH of 10.2 and an ORP of 390 mv. The set points in the second stage are a pH of 7.9 and an ORP of 590 mv. A 4 to 6 ppm chlorine residual is maintained.

The three wastestreams are combined in the influent chamber which leads to the rapid mix tank. In the rapid mix tank, the pH is controlled at the set point of 8.6. Also the coagulant, ferric sulfate, is added here.

The solids removal unit at Kearny is an EIMCO 45 ft. diameter reactor-clarifier. During this survey, the sludge bed was maintained approximately 4 ft. below the surface. The supernatant was always clear and had a pH of approximately 8.8. The clarifier was sand blasted and coated with bitumastic during the two week shut-down in July. The coagulant aid, Calgon WT-2700 (an anionic polymer) is added in the center well.

The sludge blow-off schedule varies. It is set according to the usage of coagulant aid. For example, when the aid usage is high, the blow-off is increased. At the time of this survey, the timer which controls the opening and closing of the desludging valve was set to open 45 seconds every 90 minutes.

The pH of the effluent from the clarifier is adjusted in the final pH adjustment tank. The set point in this tank is a pH of 8.2.

EFFLUENT QUALITY

There have only been two instances to date in 1981 where the effluent was not in compliance with their National Pollutant Discharge Elimination System (NPDES) permit conditions. The following are the average levels of their permitted parameters f the first nine months of 1981:

	Average	Permit Value
Oil and grease (mg/l)	2.0	10
TSS (mg/l)	4.9	10
Cr Total (mg/l)	0.07	0.25
Cr^{+6} (mg/l)	0.02	0.05
Cu Total (mg/l)	0.21	1.0
Cu Soluable (mg/l)	0.16	0.2
Ni Total (mg/l)	0.14	2.0
Ni Soluable (mg/l)	0.12	1.0
Lead Total (mg/l)	0.05	1.0
Lead Soluable (mg/l)	0.05	0.05
Iron Total (mg/l)	0.22	1.5
Iron Soluable (mg/l)	0.12	0.5
Cyanide Oxidizable (mg/l)	0.016	0.03
pH (units)	7.6	6.0 - 9.0

Sludge Dewatering

The sludge is dewatered on a Komline-Sanderson 8 ft. x 8 ft. rotary drum precoat vacuum filter. Perlite is the precoat material which is used. The last filter run was made on October 16. Prior to that filter runs were performed at least once per week. An average filter run dewaters approximately 12,500 gallons of raw sludge.

A percent solids determination of the filter cake is performed on a monthly basis. The test is done by heating the filter cake sample at 110°C to constant weight. The filtered sludge averaged 20% solids to date during 1981. Their maintenance records indicate that the filter cloth has been replaced in December of 1975 and 1979. Also, the polypropylene wear plate has been replaced at least once every two years.

Pump Room

The condition of the pump room area was good. There were no water puddles. One pump was being painted and the rest had a good coat of paint on them.

One sludge pump was out of service. A leak in the casing was found by an operator. Upon dismantling, it was discovered that the impeller was also badly erroded. A new sludge pump is on order.

The epoxy coating on the pump room floor had two tears in it. One between P-11 and P-12, and the other in front of the gland seal water pump.

Reclaimed Water

As the result of a suggestion made by the day shift operators of the WTP, reclaimed water is being used for the mixing of chemicals and the cleaning of tanks. Since June, 1981, this water has been used for mixing ferric sulfate, coagulant aid and precoat.

Analysis

The WTP control room is equipped with a Perkin-Elmer atomic absorption unit, Beckman and Corning pH meters, a variety of glassware and chemicals, and other miscellaneous equipment. The operators perform the following tests either during start up or on an hourly or bi-hourly basis.

Tank	Tests
Clarifier	Cr^{+6}, Total Cr, Total Cu
Rapid Mix	Cr^{+6}, Total Cr, Total Cu, SO_2, Iron, Cl_2
A/A Surge	Cr^{+6}, Total Cr, Total Cu, Iron, Acidity
A/A Effluent	Cr^{+6}, Total Cr, Total Cu
CN Surge	Cr^{+6}, Total Cr, Total Cu
CN; 1st and 2nd stage and effluent	Total Cr, Total Cu, Cl_2
Chrome Treatment	Cr^{+6}, SO_2
Chrome Effluent	Cr^{+6}, SO_2
Final Effluent	Cr^{+6}, Total Cr, Total Cu, Total Soluble metals

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A composite sample is analyzed on a monthly basis by the Chemtech Consulting Group. These results are reported to the Environmental Protection Agency (EPA) pursuant to Kearny's NPDES permit.

NPDES Permit

Kearny's NPDES permit was to expire on June 30, 1981, however, because they have applied for renewal the conditions of this permit are still in effect. Renewal was applied for in December, 1981. The EPA acknowledged receipt in a letter of February 3, 1981 and is currently processing the renewal application.

On September 14, 1981, Mr. P. Greco of Region II EPA visited the Kearny Works to perform a NPDES inspection. The purpose of this visit was to review Kearny's compliance with their existing permit. Mr. Greco seemed to be satisfied with the Kearny operation and indicated that the processing of their renewal application was slow due to a shortage of manpower.

Conclusion

The WTP at the Kearny Works is being maintained and operated very well. The immaculate condition of the control room and other work areas should also be noted.

T. A. Hunter

T. A. HUNTER
Plant Engineer

STATUS REPORT

ON

SOLVENT USAGE

AT

WESTERN ELECTRIC
MANUFACTURING LOCATIONS

DECEMBER 1976

Issue II

Arthur H. Staheli
Environmental Engineering
Corporate Engineering Division
222 Broadway
New York, New York 10038

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As Figure 1 shows, the layer of cold dry air created by the cold trap lies above the solvent vapor line and prevents vapor diffusion, the major cause of solvent loss in a degreaser. Cold traps lend themselves to all vapor degreasing solvents and can be adapted to other solvents and solvent consuming operations.

A testing program was completed at the Omaha Works, with solvent use reduction in excess of 40% achieved by the use of cold traps. In addition the following works locations also have cold traps installed:

3. Kearny

Carbon Bed Adsorbers

The most effective pollution abatement device used by Western Electric is the carbon bed adsorber. It prevents the emission of solvents to the atmosphere with 90+% efficiency by trapping, concentrating, and returning the emitted solvent for reuse.

Activated carbon has millions of microscopic capillaries throughout its structure, affording tremendous surface area per unit weight. As an example, one pound of carbon contains [illegible] million sq. ft. of surface area. When solvent laden air from a process is passed through an adsorber, the solvent is trapped in the capillaries of the carbon and solvent free air is emitted to the atmosphere. When the carbon bed is saturated, steam is passed through the bed, driving off the solvent. This is called desorbing, and from here the solvent laden steam is condensed and passed to a decanter where the water and solvent are separated, with the solvent being returned to the process.

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TABLE II

COMPANY LOCATIONS USING CARBON ADSORBERS

	TYPE SOLVENT	ANNUAL RECOVERY GALLONS	NO. OF TWIN TANK INSTALLATIONS
	Perchlorethylene	40,000	Two
	Perchlorethylene	5,000	One
	Trichlorethylene	6,000	One
	Trichlorethylene	10,000	Seven
Kearny	Perchlorethylene	6,000	Two
	Trichlorethylene	100,000	Seven
	Perchlorethylene	25,000	Two
	Trichlorethylene	30,000	Eight
	Methylene Chloride	187,000	Two
	1.1.1 Trichlorethane	60,000	One

Total Gallons Solvent Recovered 469,000*

*Recovery rate anticipated by October 1, 1976.

Table II above shows the Western Electric plants currently using carbon bed adsorbers in their manufacturing operations.

TABLE III

PURCHASE AND INSTALLATION COSTS FOR CARBON BED ADSORBERS

TWIN BED AUTOMATIC UNITS

DIAMETER	C.F.M.	PURCHASE*	INSTALL.*
36"	800	$ 9,000	$13,000
48"	1,400	10,000	16,000
54"	1,700	17,000	24,000
72"	3,000	23,000	24,000
84"	3,800	40,000	42,000

*Based on the averaged prices paid by Western Electric locations.

Table III above gives actual average purchase and installation costs for the different size adsorbers in the various Western plants. While this table may be used for guideline estimates, it must be remembered that installation estimates depend very heavily on the size, configuration and length of ductwork involved and the elaborateness of the adsorber control system.

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TABLE IV

ADSORBER EFFICIENCY TESTS

	DIAMETER	SOLVENT USED	EFF.	TEST PROC.
	72"	Perchlorethylene	98.5%	Env. Engrg. B'way., NY
	54"	Perchlorethylene	99.7%	" Env. Engrg. " "
	36"	Trichlorethylene	93.7%	Dow Chemical
	54"	Trichlorethylene	-	Under Test
Kearny	36"	Perchlorethylene	97.5%	Env. Engrg. B'way., NY
	72"	Trichlorethylene	99.5%	Env. Engrg. " "
	72"	Perchlorethylene	98.5%	Ok. City
	84"	Methyl Chloride	95.0%	Env. Engrg. B'way., NY
	54"	Trichlorethylene	98.7%	Shreveport

Table IV above shows the high efficiencies revealed by the tests. Some locations performed their own tests, but used the same basic testing methods and equipment used in the corporate program.

MANUFACTURING LOCATIONS STATUS RELATIVE TO SOLVENT LEGISLATION

The following Table V is a condensed summary of the status of Western Electric's manufacturing locations with respect to state and local legislation enacted for the governing of hydrocarbon emissions from manufacturing processes, which use organic solvents in their operations. Under the heading marked "Applicable Legislation" is the actual section and paragraph of the governing solvent law for each location. In several cases this is a county law rather than a state law as is the case for most manufacturing locations. Under the heading of "Solvent Law" is a brief description of the type limitation enacted. Most of the laws are full adoptions of Rule [illegible] illustrated on page 16) or modification of it. At this writing, all Western Electric's manufacturing locations are in full compliance with all federal, state and local solvent legislation.

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State of New Jersey
Department of Environmental Protection

OFFICE OF THE COMMISSIONER

Return forms to:
INDUSTRIAL SURVEY PROJECT
P.O. BOX 251
TRENTON, NEW JERSEY 08602

SELECTED SUBSTANCE REPORT

PART I – General Plant Information

COMPLETE ONE REPORT FOR EACH PLANT SITE OR FACILITY LOCATION

1. Company Name WESTERN ELECTRIC COMPANY, INC.
2. Division or Plant Name Kearny Works
3. Mailing Address (Street) 100 Central Avenue
   (City/Town) Kearny County Hudson State N.J. Zip Code 07032
4. Plant Location Address (Street) _____
   (If not as above)
   (City/Town) _____ County _____ State _____ Zip Code _____
5. Date Plant Began Operations At This Location April 13, 1925
6. Person to Contact Regarding this Report BRUCE H. RAPP Title Sr. Env. Contr. Engr.
7. Phone Number (Area Code) 201-465-54-3
8. SIC Code (Four Digit) 3661
9. Nature of Business Telephone Apparatus Manufacturing
10. Number of Production Employees at this Plant Site 6350 (in 1975)
11. Does this plant manufacture, process, form, repackage, release, use, dispose of or store any of the selected substances shown on Table I of the enclosed instructions? (Check One) YES ☒ NO ☐

    If your answer to number 11 is "YES", complete the Entire Report for your facility, sign and return.

    If your answer to number 11 is "NO", complete Question 12, sign and return.

I, HEREBY, CERTIFY THAT ALL STATEMENTS MADE BY ME IN THIS REPORT ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT ESTIMATES WHERE USED HAVE BEEN MADE IN GOOD FAITH.

NAME (Print) R. B. BUTTERFIELD, JR. Signature R B Butterfield Jr

Title General Manager Date 7/1/80

12A. Sketch (On the reverse side of this page) or attach a copy of a map indicating the exact location of the plant site.

12B. Supply your Dun & Bradstreet number if available. 00-213-9053

FOR OFFICIAL USE ONLY

E		S		N	
B		D		A	
C				X	
V				D&B	

20067100 158 731 3661
WESTERN ELECTRIC
COMPANY INC -NE--
195 BROADWAY
NEW YORK N Y 101367 10000

STATE&ICE

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PART I – General Information (continued)

13. List all of the selected substances included in this report along with their CAS Numbers (From Table I of the instructions) which are manufactured, processed, formed, repackaged, released, used, disposed of or stored at the plant site:

* Beryllium 7440-41-7, Chromium 7440-47-3,
Copper 7440-50-8, Cyanide 57-12-5,
~~Formaldehyde 50-00-0~~, Lead 7439-92-1,
Methylene Chloride 75-09-2, Nickel 7440-02-0
Silver 7440-22-4
Tetrachloroethylene 127-18-4
Toluene 108-88-3
111 Trichloroethane 71-55-6
Trichloroethylene 79-01-6
Zinc 7440-66-6

14. Wastewater Discharges – Complete the following information:

A. Discharge to publicly owned treatment works (POTW):

1. Name of Utility (POTW) Kearny Municipal Sewage Plant
Address/Location Central Avenue, Kearny, N.J.

2. Estimated Average Volume of Wastewater Discharged to POTW in a day
500,000 gallons.

3. Briefly describe any pretreatment methods None Required

4. Wastewater consists of: (X) Process Water, ( ) Contact Cooling, (X) Non-Contact Cooling, (X) Domestic Sewage, ( ) Contaminated Storm Water, ( ) Washdown Water, ( ) Scrubber Water, ( ) Other:

B. Discharge to Navigable Waterway or Tributary Stream:

1. Name of Receiving Stream Passaic River
2. NPDES Permit Number N.J. 0020443
3. Estimated average volume of wastewater discharged to receiving stream in a day
250,000 gallons.
4. Briefly describe any treatment methods Cyanide is destroyed, Chrome reduced, Acid-Alkali neutralized Metals precipitated.
5. Wastewater consists of: (X) Process Water, (X) Contact Cooling, ( ) Non-Contact Cooling, ( ) Domestic Sewage, ( ) Contaminated Storm Water, ( ) Washdown Water, (X) Scrubber Water, ( ) Other:

15. Previous disposal practices (1930–1977). Was this plant previously disposed of wastes containing any of the selected substances at any land disposal site (i.e. by land spreading or burial, landfilling, lagoon or seepage pit) either on or off site?

YES [X] NO [ ]

If available provide the following information for each disposal site. Use additional pages if necessary.

Name and Location of Site Information is not available.

Time period site was used

Name of selected substances disposed of at this site	Physical State	Amount of selected substances disposed at site (pounds)

*Note: Asbestos enters premises in form of brake shoe constituents. PCB's are in fixed transformers plus a small stock. Neither enters into production and neither is reported in Part II.

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State of New Jersey
Department of Environmental Protection

PART II — SELECTED SUBSTANCE REPORT

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

FOR DEP USE

1. Name and Location of Plant
WESTERN ELECTRIC INC., KEARNY, NEW JERSEY

2. Selected Substance Name — CAS #
Beryllium — 7440-41-7

3. Briefly Describe Its Use On The Site:
Insulators for Transistor amounting (Beryllium portion of beryllium oxide)

	COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1979 USAGE	ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	ESTIMATE
THROUGHPUT QUANTITIES	4. QUANTITY PRODUCED ON SITE	-0-	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	157	lbs/yr.		X
	6. QUANTITY CONSUMED ON SITE	-0-	lbs/yr.	X	
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	157	lbs/yr.		X
	8. MAXIMUM INVENTORY	20	lbs		X
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1.			-0-	
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATE

4-01 Solid
4-02 Liquid
4-03 Slurry
4-04 Sludge
4-05 Other (specify)

TABLE B
DISPOSAL METHODS

4-01 Composting
4-02 Evaporation
4-03 Holding Tank
4-04 Incineration
4-05 Injection Well
4-06 Lagoon
4-07 Land Burial
4-08 Land Spreading
4-09 Neutralization
4-10 Ocean
4-11 Recycling
4-12 Sanitary Landfill
4-13 Surface Impoundment
4-14 Subsurface Injection
4-15 Pyrolysis
4-16 Solidification
4-17 Storage On Site
4-99 Other (specify)

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State of New Jersey
Department of Environmental Protection

PART II — SELECTED SUBSTANCE REPORT

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE

FOR DEP USE

1. Name and Location of Plant
WESTERN ELECTRIC INC., KEARNY, NEW JERSEY

2. Selected Substance Name — CAS #
Cyanide — 57-12-5

3. Briefly Describe Its Use On The Site:
Primarily zinc plating of metal parts

	COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1978 USAGE	ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	ESTIMATE
THROUGHPUT QUANTITIES	4. QUANTITY PRODUCED ON SITE	-0-	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	6,814	lbs/yr.		X
	6. QUANTITY CONSUMED ON SITE	6,749	lbs/yr.		X
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	-0-	lbs/yr.	X	
	8. MAXIMUM INVENTORY	850	lbs		X
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE	60	lbs/yr.		X
		.25	max lbs/day		X
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE	6	lbs/yr.		X
		.025	max lbs/day		X
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER	60 5.3	lbs/yr.		X
		.02 0.22	max lbs/day		X
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS	- - - -0-	lbs/yr.	X	
		- 0 - -0-	max lbs/day	X	

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1.			-0- - 0 -	
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATE

X-01 Solid
X-02 Liquid
X-03 Slurry
X-04 Sludge
X-05 Other (Specify)

TABLE B
DISPOSAL METHODS

W-01 Compacting
W-02 Evaporation
W-03 Incineration
W-04 Injection
W-05 Landfill
W-06 Lagoon
W-07 Land Burial
W-08 Land Spreading
W-09 Neutralization
W-10 Ocean
W-11 Recycling
W-12 Salvage or Sale
W-13 Surface Water
W-14 Subsurface System
W-15 Pyrolysis
W-16 Solar Evaporation
W-17 Storage On Site
W-18 Other (Specify)

ABA000207

932620088

State of New Jersey
Department of Environmental Protection

PART II — SELECTED SUBSTANCE REPORT

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE — FOR DEP USE

1. Name and Location of Plant
WESTERN ELECTRIC INC., KEARNY, NEW JERSEY

2. Selected Substance Name: Silver — CAS #: 7-440-22-4

3. Briefly Describe Its Use On The Site:

Silver plating of metal parts.
Note: Silver on photographic and X-ray films is excluded.

COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1979 USAGE		ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	ESTIMATE
THROUGH PUT QUANTITIES	4. QUANTITY PRODUCED ON SITE	-0-	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	100.4	lbs/yr.		X
	6. QUANTITY CONSUMED ON SITE	-0-	lbs/yr.	X	
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	100.4	lbs/yr.		X
	8. MAXIMUM INVENTORY	12.3	lbs		X
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE	Not Detectable	lbs/yr.		X
		Not Detectable	MAX lbs/day		X
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE	Not Detectable	lbs/yr.		X
		Not Detectable	MAX lbs/day		X
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER	Not Detectable	lbs/yr.		X
		Not Detectable	MAX lbs/day		X
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS	-0-	lbs/yr.	X	
		-0-	MAX lbs/day	X	

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1.			-0-	
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATE

TABLE B
DISPOSAL METHODS

ABA000208

932620089

State of New Jersey
Department of Environmental Protection

PART II — SELECTED SUBSTANCE REPORT

COMPLETE ONE FORM FOR EACH SELECTED SUBSTANCE — FOR DEP USE

1. Name and Location of Plant: WESTERN ELECTRIC INC., KEARNY, NEW JERSEY — I.D.

2. Selected Substance Name: Toluene — CAS # 108-88-3

3. Briefly Describe Its Use On The Site: Paint solvent

COMPLETE THE FOLLOWING INFORMATION FOR THE PLANT BASED ON 1979 USAGE		ENTER THE ACTUAL OR ESTIMATED AMOUNTS	USE THE REQUESTED UNITS	ACTUAL	ESTIMATE
DISPOSITION FOR QUANTITIES	4. QUANTITY PRODUCED ON SITE	-0-	lbs/yr.	X	
	5. QUANTITY BROUGHT ONTO SITE	36,288	lbs/yr.		X
	6. QUANTITY CONSUMED ON SITE	-0-	lbs/yr	X	
	7. QUANTITY SHIPPED OFF SITE AS (OR IN) PRODUCT	-0-	lbs/yr.	X	
	8. MAXIMUM INVENTORY	10,543	lbs		X
AIR EMISSIONS	9. TOTAL STACK EMISSIONS OF SELECTED SUBSTANCE	30,240	lbs/yr.		X
		126	max lbs/day		X
	10. TOTAL FUGITIVE EMISSIONS OF SELECTED SUBSTANCE	6,048	lbs/yr.		X
		25.2	max lbs/day		X
WASTEWATER DISCHARGE	11. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO SURFACE WATER	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	
	12. TOTAL DISCHARGE OF SELECTED SUBSTANCE INTO PUBLICLY OWNED TREATMENT WORKS	-0-	lbs/yr.	X	
		-0-	max lbs/day	X	

13. DISPOSAL OF WASTE CONTAINING THE SELECTED SUBSTANCE

LOCATION OF FINAL DISPOSAL SITE NAME AND ADDRESS	PHYSICAL STATE TABLE A	DISPOSAL METHOD TABLE B	QUANTITY OF SELECTED SUBSTANCE DISPOSED (lbs)	FOR DEP USE
1.			-0-	
2.				
3.				
4.				
5.				

TABLE A
PHYSICAL STATE
S-01 Solid
S-02 Liquid
S-03 Slurry
S-04 Sludge
S-05 Other (Specify)

TABLE B
DISPOSAL METHODS
M-01 Combustion
M-02 Evaporation
M-03 Holding Tank
M-04 Incineration
M-05 Injection Well
M-06 Landfill
M-07 Land Burial
M-08 Land Spreading
M-09 Lagoon
M-10 Ocean
M-11 Recycling
M-12 Surface Impoundment
M-13 Subsurface System
M-14 Treatment
M-15 Surface Irrigation
M-16 Storage On Site
M-17 Other (Specify)

ABA000209

932620090

Kearny Works

Western Electric

100 Central Avenue
Kearny, N.J. 07032
201 465-4000

B-196

December 17, 1980

MR. J. G. AMBERS, Department Chief

222 Broadway

In response to your letter of December 1, 1980, (re: Centralizing Hazardous Waste Disposal), attached are Kearny Works' completed Hazardous Waste Survey Forms for your information. If there are any questions, please contact Angelo Basile or Virginia Chu at 8-223-5447.

J. KRETZ, Engineering Manager
Plant & Manufacturing Facilities

CFC:61KY184520:sr

Att.

ABA000210

932620091

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION: Kearny Works

MAILING ADDRESS: 100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE: Cyanide Sludge

VOLUME: 66 drums x 50. gals/drum = 3300. gals

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYS. STATE @ 70° F: SOLID | LIQUID | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ % _____

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | WEIGHT | OR | VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | >1.7

FLASH POINT (cc): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB: 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT. %): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

PH: 1-4 | 4-7 | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHI

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE M

LOCATION CONTACT: J. T. Chikowski

TITLE: Dept. Chief

PHONE NUMBER: [illegible]

DATE: 12/7/80

ARA0000211

932620092

B. If waste is a pesticide or produced by a pesticide manufacturing process, the following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depar of Transportation pursuant of the Hazardous Materials Transportation Act? Yes (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Poison B, Liquid, NOS

(2) Hazard class(es): Poison B

(3) Identification number (from Hazardous Materials List): NA 2810

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environr Protection Agency pursuant to Section 3001 of the Resource Conservation and Rec Act? Yes (49 CFR 261)

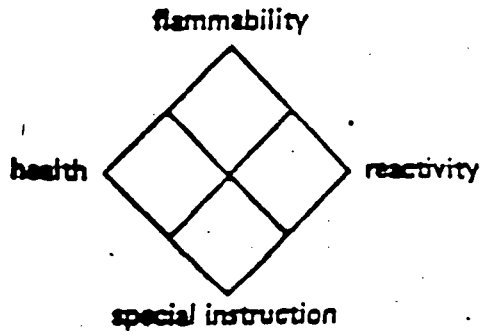
(1) If the waste is a listed hazardous waste, state: Reactive and Toxic
The U.S. EPA identification number: F 008

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? No If so, please advise of the date of the most recent analysis: __

E. Have you obtained toxicity studies of this waste stream? No If so, please at copy of the results.

(1) Hazard identification system: _____



ABA00021-2

932620093

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE
Methyl Ethyl ketone

VOLUME 142. drums * 50. gals/drum = 7100. gals

FREQUENCY: PER MONTH | PER YEAR (X) | ONE TIME

PACKING: IN DRUMS (X)

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | LIQUID (X) | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: ____ %TOP ____ % ____ % ____

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | WEIGHT (X) | OR | VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 (X) | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (cc): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: < 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | 4-7 (X) | 7 | 7-10

TOXICITY: HIGH | MEDIUM (X) | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY (X)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHEET

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE MA

LOCATION CONTACT: J. T. Chi Kowski

TITLE: Dept. Chief

ABA000213

PHONE NUMBER: 8-223-5453

DATE: 12/17/90

932620094

B. If waste is a pesticide or produced by a pesticide manufacturing process, chec following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depar of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Methyl Ethyl Ketone

(2) Hazard class(es): Flammable Liquid

(3) Identification number (from Hazardous Materials List): UN 1193

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environn Protection Agency pursuant to Section 3001 of the Resource Conservation and Rec Act ? YES (49 CFR 261)

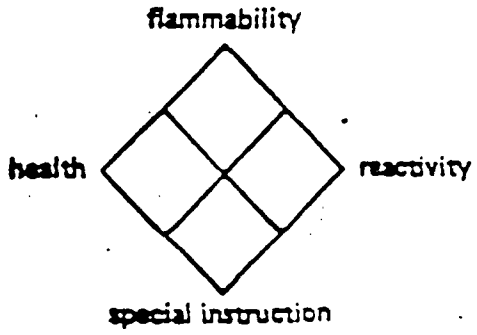
(1) If the waste is a listed hazardous waste, state: (T,T)
The U.S. EPA identification number: [illegible]

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: __

E. Have you obtained toxicity studies of this waste stream? NO If so, please at copy of the results.

(1) Hazard identification system: _____



ABA000214

932620095

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE
Xylene

VOLUME 128 drums x 50. gals/drum = 6400. gals

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | (LIQUID) | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: ____ %TOP ____ % ____ % ____ %

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | (0.8 - 1.0) | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (cc): < 80° F | (80-150° F) | > 150° F

THOUSANDS OF BTU'S / LB: < 1 | 1-5 | 5-8 | 8-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): (NONE) | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: HIGH | (MEDIUM) | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
PESTICIDES / PCB'S - OTHER HALOGENATED / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | (DISPOSAL ONLY)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SH

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chikowski
TITLE: Dept. Chief
ABA000215
PHONE NUMBER: 8-223-5453
DATE: 12/17/80

932620096

B. If waste is a pesticide or produced by a pesticide manufacturing process, che following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Xylene

(2) Hazard class(es): Flammable Liquid

(3) Identification number (from Hazardous Materials List): UN 1307

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act? YES (49 CFR 261)

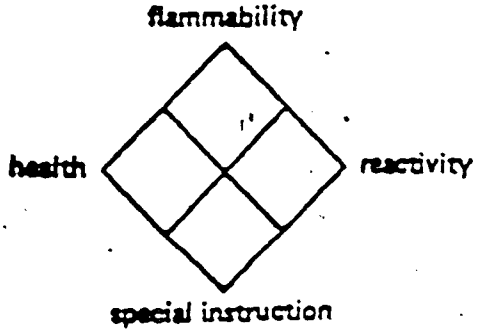
(1) If the waste is a listed hazardous waste, state: (T)
The U.S. EPA identification number: F003

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: _

E. Have you obtained toxicity studies of this waste stream? NO If so, please a copy of the results.

(1) Hazard identification system: _____



ABA000216

932620097

"HAZARDOUS WASTE SURVEY FORM"

C__PANY LOCATION

Kearny Works

MAILING ADDRESS

... Central Ave., Kearny, NJ 07032

DESC__TION OF WASTE

Perchloroethylene

VOLUME 54 drums × 50.0 gals./drum = 2700 gals

FREQUENCY: PER MONTH | ~~PER YEAR~~ | ONE TIME

PACKING: ~~IN DRUMS~~

CIRCLE APPROPRIATE BLOCKS

PHYS__ STATE @ 70°F: SOLID | (LIQUID) | SEMISOLID

VISCOSITY @ 70°F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: ______ %TOP ______ % ______ . ______ % ______

SUSPENDED SOLIDS: (< 5%) | 5-20% | > 20% | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60°F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | (1.2 - 1.4) | 1.4 - 1.7 | >1.7

FLASH POINT (cc): < 80°F | (80-150°F) | > 150°F

THOUSANDS OF BTU'S / LB.: ... | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: (HIGH) | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | (DISPOSAL ONLY)

IF RE__ERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

_LEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHE

TO _E BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE M.

LOCATION CONTACT: J. T. Cl,Kiwski

TITLE: Dept. Chief

ABA000217

PHONE NUMBER: 8-227-5453

DATE: 12/17/80

932620098

B. If waste is a pesticide or produced by a pesticide manufacturing process, che following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO

☐ CARBAMATES

☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? YE (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Perchloroethylene "or" tetrachloroethylene

(2) Hazard class(es): CPU-3

(3) Identification number (from Hazardous Materials List): UN 1897

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act? YES (49 CFR 261)

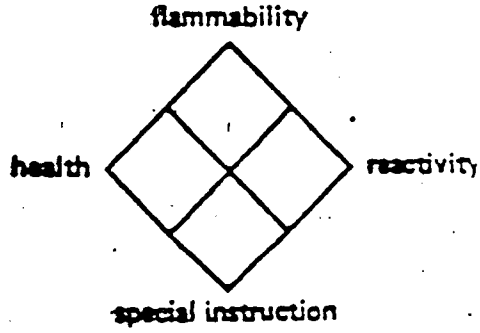
(1) If the waste is a listed hazardous waste, state: (T)
The U.S. EPA identification number: F001

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? No If so, please advise of the date of the most recent analysis:

E. Have you obtained toxicity studies of this waste stream? No If so, please a copy of the results.

(1) Hazard identification system:



ABA000218

932620099

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE
Trichloroethylene

VOLUME 48 drums x 50 gals./drum = 2400 gals.

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYS. STATE @ 70° F: SOLID | LIQUID | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ % _____

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | WEIGHT | OR | VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (cc): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: < 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | 4-7 | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHE

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE M

LOCATION CONTACT: J. T. Chikowski
TITLE: Dept. Chief
ABA000219
PHONE NUMBER: 8-223-5453
DATE: 12/12/80

932620100

B. If waste is a pesticide or produced by a pesticide manufacturing process, ch. following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? ____ (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Trichloromethylene

(2) Hazard class(es): ORM-A

(3) Identification number (from Hazardous Materials List): UN 1710

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act? YES (49 CFR 261)

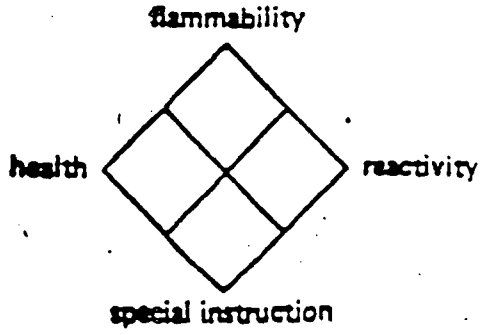
(1) If the waste is a listed hazardous waste, state: (T)
The U.S. EPA identification number: F001, F002

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: _

E. Have you obtained toxicity studies of this waste stream? NO If so, please a copy of the results.

(1) Hazard identification system: _____



ABA000220

932620101

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION: Kearny Works

MAILING ADDRESS: 100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE: Sonic Solve (mainly methylene chloride)

VOLUME: 18 drums x 50 gals/drum = 900 gals

FREQUENCY: PER MONTH | (PER YEAR) | ONE TIME

PACKING: (IN DRUMS)

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | (LIQUID) | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ . _____ % _____ . _____

SUSPENDED SOLIDS: (< 5%) | 5-20% | > 20% | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | (1.2 - 1.4) | 1.4 - 1.7 | > 1.7

FLASH POINT (cc): < 80° F | (80-150° F) | > 150° F

POUNDS OF BTU'S / LB: ~ 1 | 1-5 | 5-8 | (8-12) | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | (10-30%)

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: HIGH | (MEDIUM) | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | (DISPOSAL ONLY)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SH

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chikowski | TITLE: Dept. Chief | ABA000221

PHONE NUMBER | DATE

932620102

B. If waste is a pesticide or produced by a pesticide manufacturing process, chec following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depar of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Methylene Chloride

(2) Hazard class(es): 9

(3) Identification number (from Hazardous Materials List): _____

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environr Protection Agency pursuant to Section 3001 of the Resource Conservation and Rec Act? YES (49 CFR 261)

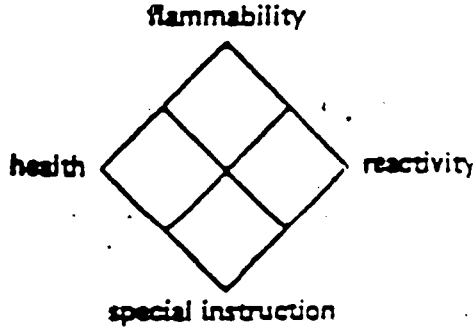
(1) If the waste is a listed hazardous waste, state: (T)
The U.S. EPA identification number: [redacted] F002

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: _

E. Have you obtained toxicity studies of this waste stream? NO If so, please at copy of the results.

(1) Hazard identification system: _____



ABA000222

932620103

HAZARDOUS WASTE SURVEY FORM

11

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave. ; Kearny , NJ 07032

DESCRIPTION OF WASTE
Methylene Chloride

VOLUME: 62 drums x 500 gals./drum = 3100. gals

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | LIQUID | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ . _____ %

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | WEIGHT OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (pc): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB: < 1 | 1-5 | 5-8 | 8-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | 4-7 | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	
	%	%	%	

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SH

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chikowski

TITLE: Dept. Chief

ABA000223

PHONE NUMBER: 8-223-5457

DATE: 12/17/80

932620104

[redacted] produced by a pesticide manufacturing process, chec
following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depar of Transportation pursuant of the Hazardous Materials Transportation Act? [illegible]
(See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: [illegible]

(2) Hazard class(es): [illegible]

(3) Identification number (from Hazardous Materials List): UN 1593

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environm Protection Agency pursuant to Section 3001 of the Resource Conservation and Rec Act? YES (49 CFR 261)

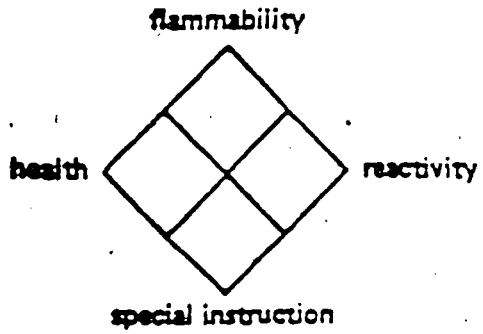
(1) If the waste is a listed hazardous waste, state: [illegible]
The U.S. EPA identification number: [redacted], F002

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: __

E. Have you obtained toxicity studies of this waste stream? NO If so, please att copy of the results.

(1) Hazard identification system: _____



ADA000224

932620105

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE
Caustic Wastes

VOLUME 77 drums x 50. gals./drum = 3850. gals.

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | LIQUID | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: ____ %TOP ____ % ____ . ____ % ____ . ____

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% — WEIGHT | OR | VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (pc): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: < 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT. %): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | 4-7 | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SH

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chikinski — **TITLE**: Dept Chief

ABA000225

PHONE NUMBER: 8-223-5483 — **DATE**: 12/17/80

932620106

B. If waste is a pesticide or produced by a pesticide manufacturing process, che following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? N/A (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Corrosive Liquid, N.O.S.

(2) Hazard class(es): Corrosive Material

(3) Identification number (from Hazardous Materials List): UN 1760

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act ? YES (49 CFR 261)

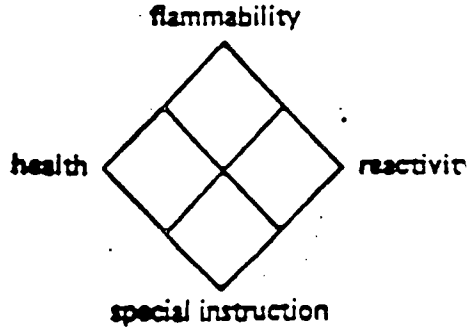
(1) If the waste is a listed hazardous waste, state: _____
The U.S. EPA identification number: _____

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☒ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? N/A If so, please advise of the date of the most recent analysis: _

E. Have you obtained toxicity studies of this waste stream? N/A If so, please a copy of the results.

(1) Hazard identification system: _____



ABA000226

932620107

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION: Kearny Works

MAILING ADDRESS: 100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE: Acid Wastes

VOLUME: 47 drums x 50. gals/drum = 2350. gals

FREQUENCY: PER MONTH | PER YEAR (X) | ONE TIME

PACKING: IN DRUMS (X)

CIRCLE APPROPRIATE BLOCKS

PHYS. STATE @ 70° F: SOLID | (LIQUID) | (SEMISOLID)

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ . _____ %

SUSPENDED SOLIDS: < 5% | 5-20% | (> 20%) | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | (1.0 - 1.2) | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (pc): (< 80° F) | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: < 1 | 1-5 | 5-8 | 8-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT. %): (NONE) | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | (UNKNOWN)

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: (RECOVERY) | (DISPOSAL ONLY)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SI

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chikowski	TITLE: Dept. Chief	ABA000227
PHONE NUMBER: 8-223-5953	DATE: 12/17/80	

932620108

B. If waste is a pesticide or produced by a pesticide manufacturing process, che following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: CORROSIVE LIQUID, NOS

(2) Hazard class(es): Corrosive Material

(3) Identification number (from Hazardous Materials List): UN 1760

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act? YES (49 CFR 261)

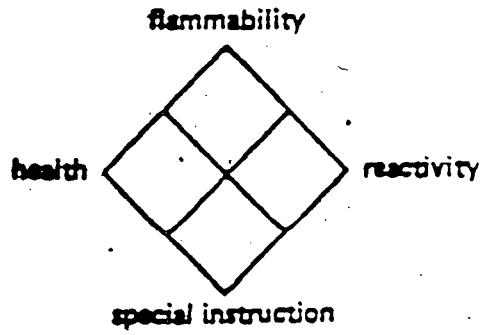
(1) If the waste is a listed hazardous waste, state: _____
The U.S. EPA identification number: _____

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☒ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO If so, please advise of the date of the most recent analysis: _

E. Have you obtained toxicity studies of this waste stream? NO If so, please a copy of the results.

(1) Hazard identification system: _____



ABA000228

932620109

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION: Kearny Works

MAILING ADDRESS: 100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE: Solids

VOLUME: 74 drums x 50. gals/drum = 3700. gals

FREQUENCY: PER MONTH | (PER YEAR) | ONE TIME

PACKING: (IN DRUMS)

CIRCLE APPROPRIATE BLOCKS

PHYSICAL STATE @ 70° F: SOLID | LIQUID | (SEMISOLID)

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ . _____ %

SUSPENDED SOLIDS: < 5% | (5-20%) | > 20% | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (°F): (< 80° F) | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): (NONE) | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | (UNKNOWN)

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES - CARCINOGENS - OTHER HAZARDOUS / TOXIC	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | (DISPOSAL ONLY)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHEET

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE MATERIAL

LOCATION CONTACT: J.T. Cliknski

TITLE: Dept Chief

ABA000229

PHONE NUMBER: [illegible]

DATE: 12/17/80

932620110

A. Does this waste stream contain biologic material, pathogens, or etiological agents?

B. If waste is a pesticide or produced by a pesticide manufacturing process, chec following:

The Waste Contains:

☐ ORGANIOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depart of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: Flammable solid, N.O.S.

(2) Hazard class(es): Flammable solid

(3) Identification number (from Hazardous Materials List): UN-1325

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environm Protection Agency pursuant to Section 3001 of the Resource Conservation and Rec Act? _____ (49 CFR 261)

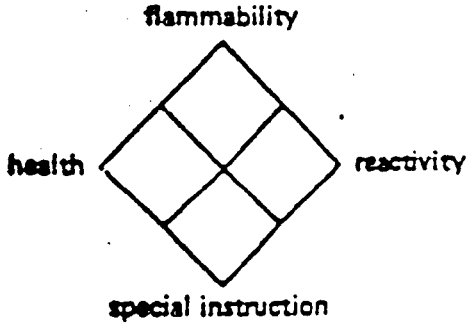
(1) If the waste is a listed hazardous waste, state: _____
The U.S. EPA identification number: _____

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☒ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO. If so, please advise of the date of the most recent analysis: ___

E. Have you obtained toxicity studies of this waste stream? NO. If so, please att copy of the results.

(1) Hazard identification system: _____



ABA000230

932620111

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION
Kearny Works

MAILING ADDRESS
100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE
Varsol

VOLUME 120 drums x 50. gals/drum = 6000. gals

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYS. STATE @ 70° F: SOLID | (LIQUID) | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: _____ %TOP _____ % _____ % _____ %

SUSPENDED SOLIDS: (< 5%) | 5-20% | > 20% | (WEIGHT) OR VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | (0.8 - 1.0) | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | >1.7

FLASH POINT (cc): < 80° F | (80-150° F) | > 150° F

THOUSANDS OF BTU'S / LB: < 1 | 1-5 | 5-9 | 9-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): (NONE) | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | (4-7) | 7 | 7-10

TOXICITY: HIGH | (MEDIUM) | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%	%	%
	%	%	%	%

SERVICE DESIRED: RECOVERY | (DISPOSAL ONLY)

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SHEET

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE MA

LOCATION CONTACT: J. T. Chikowski

TITLE: Dept. Chief

ABA000231

PHONE NUMBER: 8-223-5453

DATE: 12/17/80

932620112

B. If waste is a pesticide or produced by a pesticide manufacturing process, che following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depa of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: FLAMMABLE LIQUID, NOS (VANILLE)

(2) Hazard class(es): FLAMMABLE LIQUID

(3) Identification number (from Hazardous Materials List): UN 1993

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environ Protection Agency pursuant to Section 3001 of the Resource Conservation and Re Act? YES (49 CFR 261)

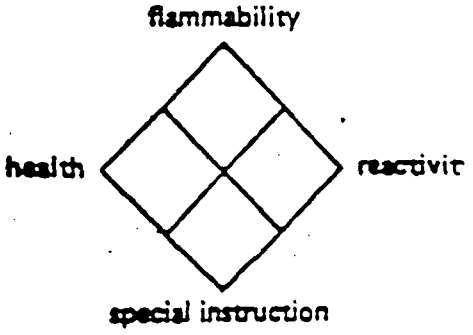
(1) If the waste is a listed hazardous waste, state:
The U.S. EPA identification number:

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☒ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the material? NO. If so, please advise of the date of the most recent analysis:

E. Have you obtained toxicity studies of this waste stream? NO If so, please a copy of the results.

(1) Hazard identification system:



ABA000232

932620113

HAZARDOUS WASTE SURVEY FORM

COMPANY LOCATION: Kearny Works

MAILING ADDRESS: 100 Central Ave., Kearny, NJ 07032

DESCRIPTION OF WASTE: Photo - Resist (xylene, and ketone solvents)

VOLUME: 48 drums x 50 gals./drum = 2400 gals.

FREQUENCY: PER MONTH | PER YEAR | ONE TIME

PACKING: IN DRUMS

CIRCLE APPROPRIATE BLOCKS

PHYS. STATE @ 70° F: SOLID | LIQUID | SEMISOLID

VISCOSITY @ 70° F: LOW | MEDIUM

LAYERING: NONE | BILAYERED | MULTILAYERED

% LAYERING BY VOLUME AT INFINITE SETTLING: ____ %TOP ____ % ____ . ____ % ____ . ____

SUSPENDED SOLIDS: < 5% | 5-20% | > 20% | WEIGHT | OR | VOLUME

DISSOLVED SOLIDS BY WEIGHT: < 5% | 5-20%

SPECIFIC GRAVITY @ 60° F: < 0.8 | 0.8 - 1.0 | 1.0 - 1.2 | 1.2 - 1.4 | 1.4 - 1.7 | > 1.7

FLASH POINT (PF): < 80° F | 80-150° F | > 150° F

THOUSANDS OF BTU'S / LB.: 1 | 1-5 | 5-8 | 8-12 | 12-16 | 16-20

ORGANICALLY BOUND CHLORINE (WT.%): NONE | TRACE | 1-10% | 10-30%

ORGANICALLY BOUND SULFUR (WT. %): NONE | TRACE | 0.5 - 5% | > 5%

pH: 1-4 | 4-7 | 7 | 7-10

TOXICITY: HIGH | MEDIUM | LOW | UNKNOWN

OTHER INFORMATION:

PLEASE IDENTIFY AND QUANTIFY ALL KNOWN COMPONENTS

VOLATILE ORGANICS	%	%	%	%
	%	%	%	%
NON VOLATILE ORGANICS	%	%	%	%
ACIDS OR ALKALIS	%	%	%	%
SALTS	%	%	%	%
METALLICS	%	%	%	%
CYANIDES - PESTICIDES CARCINOGENS - OTHER HAZARDOUS / TOXICS	%	%		%
	%	%		%

SERVICE DESIRED: RECOVERY | DISPOSAL ONLY

IF RECOVERY - WHAT COMPONENT(S) IS (ARE) TO BE CONSIDERED FOR RECOVERY:

PLEASE ATTACH RECLAIMED PRODUCTS SPECIFICATIONS AND ANY ADDITIONAL HAZARD AND HANDLING INFORMATION ON THIS SU

TO THE BEST OF MY KNOWLEDGE AND ABILITY TO DETERMINE, THIS IS A COMPLETE AND ACCURATE DESCRIPTION OF THIS WASTE

LOCATION CONTACT: J. T. Chi Kowski	TITLE: Dept. Chief	ABA000233
PHONE NUMBER: 8-223-5453	DATE: 12/19/80	

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B. If waste is a pesticide or produced by a pesticide manufacturing process, chec following:

The Waste Contains:

☐ ORGANOPHOSPHATES - CONTAINING SULFUR ☐ YES ☐ NO
☐ CARBAMATES
☐ CHLORINATED HYDROCARBONS

Is this waste a "Hazardous Material" as defined by regulations of the U.S. Depart of Transportation pursuant of the Hazardous Materials Transportation Act? YES (See 49 CFR 172.101 and 173 for "Hazardous Materials" list and characteristics.)

(1) Correct shipping description: FLAMMABLE LIQUID, N.O.S. (XYLENE & MEK)

(2) Hazard class(es): FLAMMABLE LIQUID

(3) Identification number (from Hazardous Materials List): UN 1993

C. Is this waste a "Hazardous Waste" as defined by regulations of the U.S. Environm Protection Agency pursuant to Section 3001 of the Resource Conservation and Recc Act? YES (49 CFR 261)

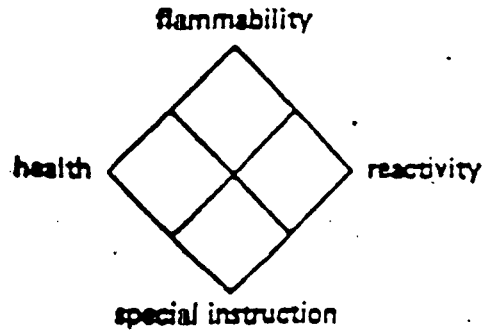
(1) If the waste is a listed hazardous waste, state: IGNITABLE .
The U.S. EPA identification number: F003 & F005

(2) If the waste is not listed, what hazardous characteristic(s) does it possess?
IGNITABLE? ☐ CORROSIVE? ☐ REACTIVE? ☐ TOXIC? ☐

D. Is the information provided in Section C based upon laboratory analysis of the v material? N/A If so, please advise of the date of the most recent analysis: ___

E. Have you obtained toxicity studies of this waste stream? N/A If so, please atta copy of the results.

(1) Hazard identification system: ___



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CHEMTECH
CONSULTING GROUP INC. 360 West 11th Street / New York, New York 10014 (212) 255-2100

13.

June 29, 1981

Western Electric
100 Central Avenue
Kearny, N.J. 07032

Attn: Mr. Bill Rodney

PROJ. NO.: D6037

REF.:

LABORATORY REPORT

TEST / SAMPLE DESCRIPTION		Tunnel Sludge			
Chromium	mg/l	<0.02			
Nickel	mg/l	1.5			
Cadmium	mg/l	0.005			
Cyanide	mg/l	0.27			
Arsenic	mg/l	0.018			
Barium	mg/l	0.4			
Lead	mg/l	<0.05			
Mercury	mg/l	<0.0002			
Selenium	mg/l	0.005			
Silver	mg/l	0.01			
Date sample received:		6/8/81			

REMARKS:
RCRA EP leachate procedure.

Alan Schechter, Ph.D.
Director, Analytical Services

ABA000242

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932620116

WESTERN ELECTRIC COMPANY, INC.
ENGINEER OF MANUFACTURE
KEARNY, N.J.

APPROVED. 8432
AUGUST 1959-CPWACS

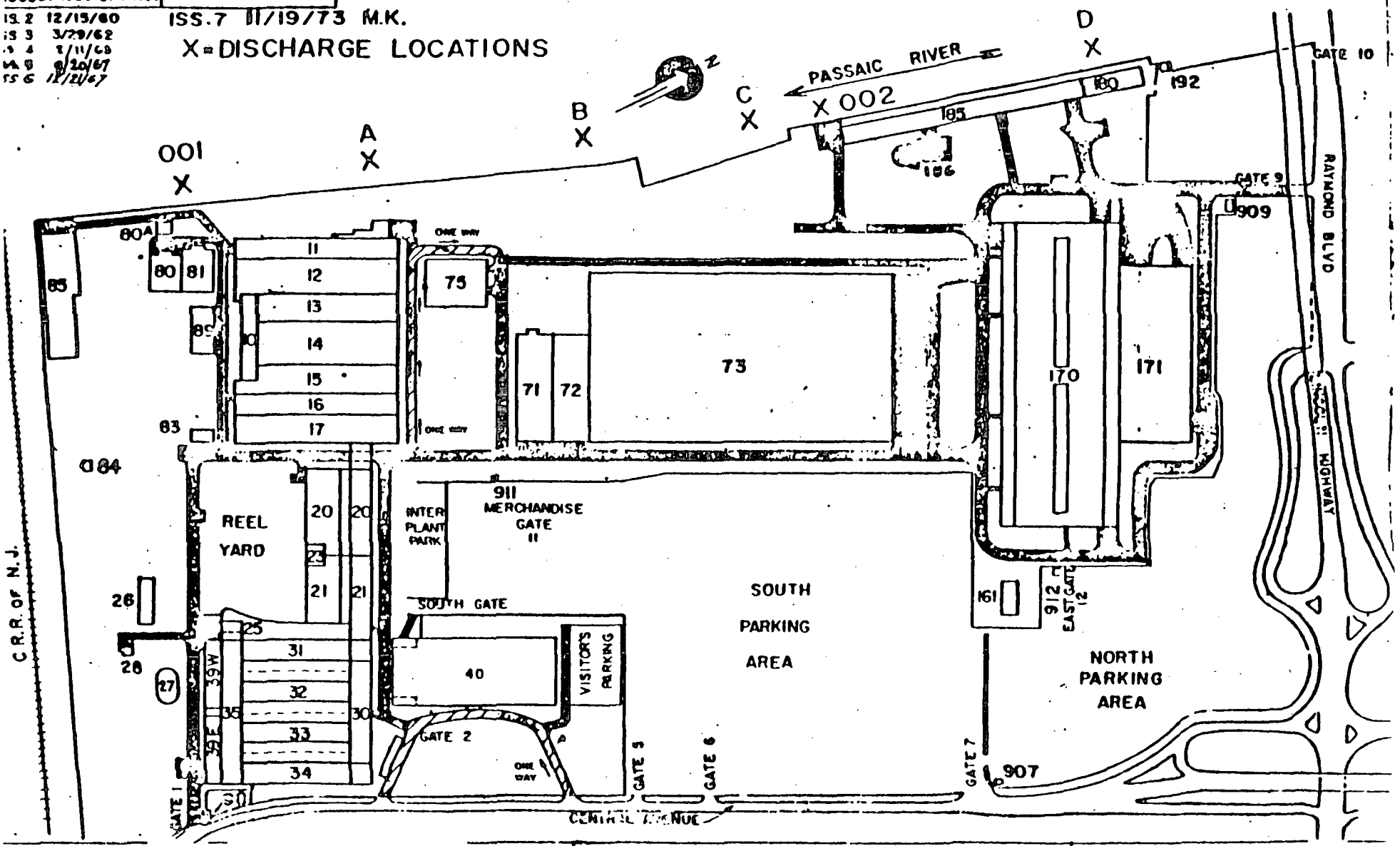
EPK-2036

ISS 2 12/15/60
ISS 3 3/29/62
ISS 4 7/11/68
ISS 5 8/20/69
ISS 6 12/22/69

PLOT PLAN OF KEARNY TRACT

ISS.7 11/19/73 M.K.

X = DISCHARGE LOCATIONS



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PK 2036

BUREAU OF HA DOUS WASTE
GENERATOR'S A UAL REPORT
FOR YEAR OF 1981

1. GENERATOR'S NAME WESTERN ELECTRIC COMPANY 2. EPA ID NO. NJD002139053

3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032

4. TRANSPORTER 5. EPA ID NO. NYD990762742

6. ADDRESS

7. FACILITY 8. EPA ID NO. NYD002044196

9. ADDRESS

10. MANIFEST NO.	11. DESCRIPTION OF WASTE	12. DOT HAZ.CLASS	13. QUANTITY	14. UNITS	15. EPA WASTE TYPE	16. REJECTED
5848	Corrosive Liquid, NOS, Sodium Hydroxide	Corrosive Material	49300	Lbs.	F007	
5839	"	"	"	"	"	
5821	"	"	"	"	"	
5822	"	"	"	"	"	
5823	"	"	"	"	"	
5825	"	"	"	"	"	
5824	"	"	"	"	"	
5840	"	"	"	"	"	
5849	"	"	"	"	"	
5850	"	"	"	"	"	
5829	"	"	"	"	"	
5830	"	"	"	"	"	
5826	"	"	"	"	"	
5828	"	"	"	"	"	

17. PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FA[illegible].

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BUREAU OF HAZA US WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1981

ENERATOR'S NAME SAME AS PAGE 4 FOR ITEMS 1 TO 9 2.EPA ID NO.

DDRESS

RANSPORTER'S NAME 5.EPA ID NO.

DDRESS

ACILITY'S NAME 8.EPA ID NO.

DDRESS

ANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
5827	Corrosive Liquid, NOS, Sodium Hydroxide	Corrosive Material	49300	Lbs.	F007	
15851	"	"	"	"	"	
15846	"	"	"	"	"	
15850	"	"	"	"	"	
15849	"	"	"	"	"	
15848	"	"	"	"	"	
15847	"	"	"	"	"	
15853	"	"	"	"	"	
15852	"	"	"	"	"	
15854	"	"	"	"	"	
15858	"	"	"	"	"	
15856	"	"	"	"	"	
15863	"	"	"	"	"	
15860	"	"	"	"	"	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

932620119

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BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANN REPORT
FOR YEAR OF 1981

GENERATOR'S NAME SAME AS PAGE 4 FOR ITEMS 1 TO 9 2.EPA ID NO.

ADDRESS

TRANSPORTER'S NAME 5.EPA ID NO.

ADDRESS

FACILITY'S NAME 8.EPA ID NO.

ADDRESS

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECT
15855	Corrosive Liquid, NOS, Sodium Hydroxide	Corrosive Matorkal	49300	Lbs.	F007	
15859	"	"	"	"	"	
[illegible]66	"	"	"	"	"	
[illegible]64	"	"	"	"	"	
15865	"	"	"	"	"	
75133	"	"	"	"	"	
75136	"	"	"	"	"	
75135	"	"	"	"	"	
75134	"	"	"	"	"	
75146	"	"	"	"	"	
75144	"	"	"	"	"	
75137	"	"	"	"	"	
75148	"	"	"	"	"	
75145	"	"	"	"	"	

PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

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BUREAU OF HAZA US WASTE
GENERATOR'S ANN..L REPORT
FOR YEAR OF 1981

ENERATOR'S NAME SAME AS PAGE 4 FOR ITEMS 1 TO 9. 2.EPA ID NO.

DDRESS

RANSPORTER'S NAME 5.EPA ID NO.

DDRESS

CILITY'S NAME 8.EPA ID NO.

DDRESS

NIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJ...
75143	Corrosive Liquid, NOS, Sodium Hydroxide	Corrosive Material	49300	Lbs.	F007	
75149	"	"	"	"	"	
75152	"	"	"	"	"	
75151	"	"	34000	"	"	
75153	"	"	34000	"	"	

PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

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HAZARDOUS WASTE STUDY

PRELIMINARY SUMMARY OF CHEMTECH ANALYSIS

GROUP NO.	DESCRIPTION OF WASTE MATERIAL	NO. OF SAMPLES	RANGE		
			pH	FLASH PT (°F)	TOT SOLIDS
C01	PERCHLOROETHYLENE	27	2.0 - 6.0	75 - 120	0.06 - 3
C02	METHYLENE CHLORIDE	31	4.0 - 6.0	77 - 90	0.23 - [illegible]
C03	METHYL ETHYL KETONE	71	4.2 - 8.0	77 - 113	0.01 - [illegible]
C04	XYLENE	64	5.0 - 6.0	77 - 90	0.13 -
C05	VARSOL	60	5.0 - 6.0	77 - 113	0.01 - [illegible]
C06	VARNISH	42	3.0 - 6.0	77 - 120	22.1 - [illegible]
C07	ACIDS & CAUSTICS	53	3.0 - 12.0	77 - 140	1.31 - [illegible]
C08	FORMALDEHYDE	3	3.5 - 5.0	77 - 135	0.04 - [illegible]
C09	PHOTO RESIST	24			
C11	TRICHLOROETHYLENE	24	2.0 - 5.7	75 - 120	0.15 - [illegible]
013	CYANIDE SLUDGE	33			
014	SOLIDS	37			
015	THINNERS	8			

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932620122

March 14, 1980

MEMORANDUM FOR RECORD

Re: Water Base Paint Sludge

The Western Electric Company Kearny Works has been attempting to dispose of water base paint sludge trhough an outside contractor

The purpose of this memorandum is to record this information.

I. Incredients of Paint

From the supplier (Armitage Paints . the percent content by weight and ingredient make-up consists of:

A.	Liquid	30%
	1. Water (17.24%)	
	2. Butyl Cellosolve (0.16%)	
	3. N-Propanol (5.3%)	
	4. Hexalene Glycol (5.3%)	
B.	Resin	35%
	1. Solid (24.5%)	
	2. Liquid (Alcohol) (10.5%)	
C.	Pigment	35%
	1. Titanium Dioxide (33.37%	
	2. Lampblack (0.54%)	
	3. Yellow Iron Oxide (1.09%,	
	Total	100%

II. Manufacturing Process

From the Product Engineer and Waste Disposal Engineer the following was determined. The operation covers the spray-painting of a variety of fabricated metal parts on a conveyor paint line, which includes an exhausted water-wall spray booth followed by a baking oven. The parts are transported by the conveyor into the booth, with a man between the exhausted water wall and the operator. The operator sprays the parts; the solvent vapors are exhausted; the particulates are captured by the water wall and are washed down into a holding tank at the bottom of the booth.

During the off-shift, the paint sludge is collected in the following manner. The water flow is shut off. The grates above the holding tank are removed and appropriate quantities of Sodium Hydroxide are put in the water to flocculate the paint sludge. After an appropriate wait, the cleaner dons the required protective clothing and wades through the tank collecting the sludge with a screened scoop and a perforated shovel. This material is placed in an empty 5 gallon paint can, covered, and then transported to a

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holding area until all tanks are done. The total quantity of paint sludge collected is then transported to an outside storage area for ultimate disposition.

III. Waste Product Generated

The following was obtained from the Product Engineer. The waste product generated consists of a mixture of the solid particles of paint, the NaOH, flocculent and water. It is approximately ninety percent solids. No alien contaminent is developed through the process.

IV. Heavy Metals and Flammability Analyses

The below listed information was obtained from the Chem. Lab.

A. Heavy Metals Analysis

Thirteen grams of a random-selected sample was dried and ignited. The remaining ash weighed 2.2 grams. A fifty percent solution of nitric acid was used to extract metals from the ash. The ash was then filtered and washed. The filtrate was diluted in 200 ml of water and analyzed on an atomic absorption spectrophotometer.

Atomic absorption analysis of the filtrate gave the following results based on the original weight of the sample.

Element	% of Water-Based Residue
Copper	0.00014
Chromium	Not Detected
Nickel	0.003
Cobalt	Not Detected
Iron	0.038
Zinc	0.0015
Cadmium	0.00003
Lead	0.0003
Silver	0.00003

B. Flammability Analysis

A similar quantity of the sample was ignited under controlled temperature conditions. The temperature was raised to [illegible] at which point the water began to vaporize. Vaporization was completed and the dried ash ignited at approximately 108°C (226°F).

:sr

G. C. TRANCHETTI - 84520

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Do not make entries in shaded areas

OMB # 2050-0035 Expires 1-31-83

ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1981

NJD002139053 02 GF

WESTERN ELECTRIC CO INC
ATTN: CHIKOWSKI JOE DEPARTMENT CHIEF
100 CENTRAL AVENUE
KEARNY NJ 07032

(Please print or type with elite type (12 characters per inch))

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM. The information required in this report is required by law (Section 3002 of the Resource Conservation Recovery Act).

I. GENERATOR'S EPA I.D. NUMBER

F A C
[F] [1]
1 2 13 14 15

II. NAME OF INSTALLATION

61 69

III. INSTALLATION MAILING ADDRESS

Tear out here

[3]
15 16 45
Street or P.O. Box

[4]
15 16 41 42 47 51
City or Town State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

[5]
15 16 45
Street or Route number

[6]
15 16 41 42 47 51
City or Town State Zip Code

V. INSTALLATION CONTACT

[2] C H I K O W S K I J O E
15 16 45
Name (last and first)

2 0 1 - 4 6 5 - 5 4 5 3
46 55
Phone No. (area code & no.)

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

R. B. BUTTERFIELD, JR. General Manager R B Butterfield Jr 12/20/82

Print or Type Name Title Signature of Authorized Representative Date Signed

EPA Form 8700-13A (5-80) (Revised 10-80)

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Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

Date rec'd: Rec'd by:

VII. GENERATOR'S EPA I.D. NO.

G N J D 0 0 2 1 3 9 0 5 3

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

INC.

IX. FACILITY'S EPA I.D. NO.

F A L D 0 0 0 6 2 2 4 6 4

X. FACILITY ADDRESS

P.O. Box 55

XI. TRANSPORTATION SERVICES USED (... transporters whose services were used during the ... This section to be completed only once. Do not repeat on supplemental sheets.)

1557

XII. WASTE IDENTIFICATION

Sequence	Line #	A. Description of Waste	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
	1	Spent Cyanide Plating Bath Solution		14800	P
	2	Residue from Misc. Plating Operations: CHROMIC ACID	2	17200	P
	3	Residue From Misc. Stripping Operations: SODIUM HYDROXIDE	2	9200	P
	4	Residue From Misc. Cleaning & Degreasing Operations: Mixture of TCE, PCE, MCD, XYLENE, MEK, METHANOL & OIL	1	66600	P
	5	Residue From Printed Wiring Board Cleaning Operation: Mixture of VARSOL, XYLENE, MEK, ETHYLBENZENE & WATER	1	22800	P
	6	Residue From Photo Print Operation: FORMALDAHYDE	1	2800	P
	7	Residue From Mass Soldering Operation: Mixture of PCE & ISOPROPANOL	1	99850	P
	8	Residue From Coil Impregnation Operation: VARNISH	1	53200	P

XIII. COMMENTS (enter information by section number ...)

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932620126

Western Electric

Kearny Works

100 Central Avenue
Kearny, N.J. 07032
201 465 4100

February 15, 1983

MANIFEST SECTION
New Jersey Bureau of Hazardous Waste Classification & Manifest
32 East Hanover Street
Trenton, New Jersey 08625

Re: Annual Report of Hazardous Waste Generator, Western Electric Company, Kearny Works

Sirs:

In accordance with NJAC 7:26-7.4 (g) 1, and Mr. D. J. Leu's request of December 22, 1982, we have attached the Western Electric Company, Kearny Works Hazardous Waste Generator's Annual Report for 1982. If you have any questions about this report contact Chris Tranchetti, Senior Environmental Engineer, (201) 465-5445.

Yours truly,

Original Signed By
J. T. CHIKOWSKI

J. T. CHIKOWSKI, Department Chief
Environmental & Safety Engineering

GCT:51KY680320:sr

Att.

ABA000324

932620127

BUREAU OF HAZ[illegible]OUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1982

1. GENERATOR'S NAME Western Electric Co. 2. EPA ID NO. NJD 002[illegible]9053

3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 Telephone Number (201) 465-5445

4. TRANSPORTER'S NAME t 5. EPA ID NO. ALD 000622464

6. ADDRESS

7. FACILITY 8. EPA ID NO. ALD 000622464

9. ADDRESS

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
0[illegible]75154	Xylene	[illegible]	[illegible]	[illegible]	[illegible]1	
0[illegible]75155	"	"		"	"	
"	Flam. Liq. NOS	"		"	"	
0[illegible]75156	"	"		"	"	
"	Perchloroethylene Mixt.	[illegible]		"	"	
0[illegible]75157	Trichloroethylene Mixt.	"	23970	"	"	
"	Flam. Liq. NOS	Flam. Liq.	13860	"	"	
0104151	"	"	14700	"	"	
"	Paint Sludge	None	6300	"	F017	
"	Trichloroethylene Mixt.	ORMA	13800	"	D001	
"	Perchloroethylene Mixt.	"	2400	"	"	
0104152	"	"	16500	"	"	
"	Methyl Ethyl Ketone	Flam. Liq.	9000	"	"	
"	Paint, Varnish	"	12050	"	"	
0104156	Haz. Waste Liq. NOS	ORME	28000	"	D000	
0104161	Methylene Chloride Mixt.	ORMA	22550	"	D001	
"	Perchloroethylene Mixt.	"	10800	"	"	
"	Trichloroethylene Mixt.	"	1800	"	"	
"	Methyl Ethyl Ketone	Flam. Liq.	3000	"	"	
"	Flam. Liq. NOS	"	4500	"	"	
[illegible]	"	"	14800	"	"	

* - PLACE AN "A" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000325

932620128

BUREAU OF HAZA[illegible]IS WASTE
GENERATOR'S AN[illegible]AL REPORT
FOR YEAR OF 1982

1. GENERATOR'S NAME SAME 2. EPA ID NO. _____

3. ADDRESS _____ Telephone Number _____

4. TRANSPORTER'S NAME AS 5. EPA ID NO. _____

6. ADDRESS _____

7. FACILITY'S NAME PAGE 1 8. EPA ID NO. _____

9. ADDRESS _____
NJ

9. MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
0104162	Paint Sludge	None	7200	Lbs.	F017	
"	Methylene Chloride Mixt.	ORMA	8800	"	D001	
0125323	"	"	30600	"	"	
"	Paint Sludge	None	7500	"	F017	
0125324	"	"	23850	"	"	
"	Methylene Chloride Mixt.	ORMA	2400	"	D001	
"	Methyl Ethyl Ketone	Flam. Liq.	500	"	"	
0125324	Varnish	Flam. Liq.	6000	"	"	
"	Xylene	"	2000	"	"	
"	Flam Liq. NOS	"	1000	"	"	
0125325	Paint Sludge	None	34500	"	F017	
"	Trichloroethylene Mixt.	ORMA	2400	"	D001	
"	Photo Resist	Flam. Liq.	500	"	"	
"	Acetone	"	2000	"	"	
"	Alcohol NOS	"	1000	"	"	
0125326	"	"	1500	"	"	
"	Acetone	"	500	"	"	
"	Paint, Varnish	"	8000	"	"	
"	Paint Sludge	None	27000	"	F017	
0125327	"	"	27000	"	"	
"	Perchloroethylene Mixt.	ORMA	12000	"	D001	

* - PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000326

932620129

BUREAU OF HAZA[illegible]'S WASTE
GENERATOR'S ANNU[illegible] REPORT
FOR YEAR OF 1982

1. GENERATOR'S NAME SAME 2. EPA ID NO. _____

ADDRESS _____ Telephone Number _____

3. TRANSPORTER'S NAME AS 5. EPA ID NO. _____

ADDRESS _____

4. FACILITY'S NAME PAGE 1 6. EPA ID NO. _____

ADDRESS _____

NJ MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
0125329	Paint, Varnish	Flam. Liq.	11550	Lbs.	D001	
"	Paint Sludge	None	23600	"	F017	
0125500	"	"	11900	"	"	
"	Methylene Chloride Mixt.	ORM A	8800	"	D001	
"	Perchloroethylene Mixt.	"	5400	"	"	
"	Trichloroethylene Mixt.	"	7200	"	"	
"	Flam. Liq. NOS	Flam. Liq.	3000	"	"	

* - PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

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ABA000327

BUREAU OF HAZAR S WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1982

1. GENERATOR'S NAME Western Electric Co. 2. EPA ID NO. NJD 002139053

3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 Telephone Number (201) 465-5445

4. TRANSPORTER'S NAM 5. EPA ID NO. MDD 000797373

6. ADDRESS

7. FACILITY'S 8. EPA ID NO. MDD 000797365

9. ADDRESS 161

NJ MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
0104153	Metal Hydroxide Sludge	ORME	8	Tons	F006	
0104155	"	"	13	"	"	
0104156	"	"	9	"	"	
0104157	"	"	10	"	"	
0104158	"	"	10	"	"	
0104159	"	"	10	"	"	
0104160	"	"	10	"	"	
0125328	"	"	8	"	"	
0125330	"	"	8	"	"	

10. - PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

932620131

ABA000328

Western Electric

Kearny Works

100 Central Avenue
Kearny, N.J. 07032
201 465-4000

March 28, 1983

MR. FRANK COOLICK, Chief
New Jersey Department of Environmental Protection
Bureau of Hazardous Waste Engineering
32 E. Hanover Street
Trenton, N.J. 08625

Re: 1982 TSD Facility Annual Report

Dear Mr. Coolick:

This is in reply to your letters of 2.16.83 requesting a TSD Annual Report by 3.1.83 and 2.25.83 granting a 30 day extention, regarding the subject report.

As directed in the correspondence, enclosed are two (2) copies of the report. If any additional information is required, contact Chris Tranchetti on (201) 465-[illegible].

Very truly yours,

G. F. CHIKOWSKI, Department Chief
Environmental & Safety Engineering

GFC:[illegible]:sr

Enc. (2)

JAN 30 1984

ABA000329

932620132

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
STORAGE FACILITY ANNUAL HAZARDOUS WASTE REPORT

1. Facility Name, Address and EPA ID Number:

~~Western Electric Company~~, Inc.
100 Central Avenue
Kearny, N.J. 07032
NJD 002139058

2. Calendar Year Reported: 1982

3. Copies of Typical Waste Analyses: See Attachment I - 2 Analyses

4. Incidents Requiring Contingency Plan: None

5. Copies of Typical Daily Inspection Log: See Attachment II - 1 Page

6. Sample Copies of Notices to Off-Site Generator: None required. Only off-site generated waste accepted is from own company's Clark, N.J. Plant.

7. Groundwater Monitoring: None required.

8A. Updated Closure Cost Estimate: ~~$70,000~~.

8B. Updated Post-Closure Cost Estimate: None Required.

9. Daily Waste Tracking Records:

.Tracking Sheet A: See Attachment III - 1 Page
.Tracking Sheet B: See Attachment IV - - Pages

10. Summary Listing: See Attachment V - 1 Page

11. Certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties under N.J.S.A. 7:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment."

J. T. Chikowski — 3/24
J. T. CHIKOWSKI, Department Chief — Date
Environmental & Safety Engineering

ABA000330

932620133

ATTACHMENT 1

Group: Xylenes

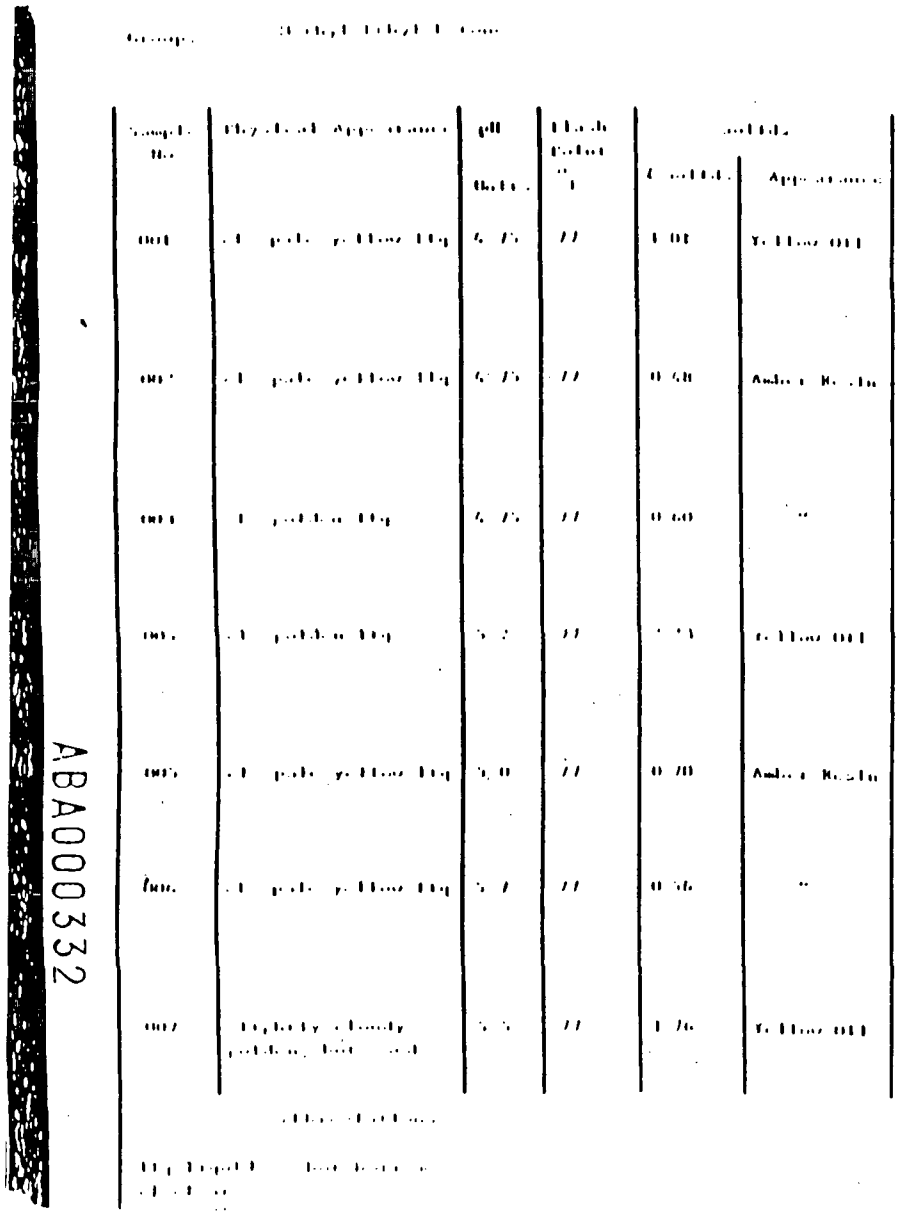
Group: Xylenes

Sample No	Physical Appearance	pH Units	Flash Point °F	SOLIDS		Sample No	Specific Gravity	% Xylene	Approx. % of others	NOTES
				% Solids	% T.D.S.					
001	Golden yellow, slightly turbid	5.8	84	1.71	1.71	001	0.876	>95	1.5	
002	Golden yellow, slightly turbid	5.8	91	2.97	2.96	002	0.877	>95	1.1	
003	Clear sample, golden yellow to color	5.9	87	1.48	1.47	003	0.877	>95		
004	Golden yellow, moderately turbid	6	85	1.86	1.85	004	0.875	>95	1.6	
005	Golden yellow, slightly turbid	5.9	82	2.00	2.00	005	0.876	>95	1.4	
006	Golden yellow, highly turbid	5.9	81	2.26	2.25	006	0.879	>95		
007	Golden yellow, slightly turbid	5.9	79	2.11	2.10	007	0.878	>95		

ABA000331

932620134

ATTACHMENT 1



Sample No.	Physical Appearance	pH	Flash Point °F	Acetone	Appearance
		Units			
001	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
002	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
003	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
004	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
005	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
006	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
007	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Groups: Methyl Ethyl Ketone

Sample No.	PCE %	DCB %	MEK %	Xy %	EB %	Toluene %	Unknowns %	Naph %	Water %	
001			91.5							92%
002			100.0							100%
003			97.9							98%
004			98.1							98%
005		11.5	71.5	<1.0						86%
006			86.7							87%
007			100.0							100%

PCE: Perchloroethylene
DCB: Dichlorobenzotrifluoride
MEK: Methyl Ethyl Ketone
Xy: Xylenes
EB: Ethylbenzene
Unknowns: Unknowns
Naph: Naphthalene
Water: Water

ABA000332

932620135

STORAGE AREA INSPECTION RECORD

JAN (RCRA - HAZARDOUS WASTE OPERATING RECORD - PART II - 1983)

DATE INSPECTED	CONTAINER (DRUM) INSPECTION: LEAKING YES	LEAKING NO	BULGING YES	BULGING NO	IF YES: ACTION TAKEN	IF YES: DRUM#	GENERAL INSPECTION: GATE LOCKED YES	GATE LOCKED NO	DRAIN CLOSED YES	DRAIN CLOSED NO	IF NO: ACTION TAKEN	COMMENTS
1-1												Hol
1-4												
1-5												
1-6												
1-7												
1-8												
1-11												
1-12												
1-13												
1-14												
1-18												
1-19												
1-20												
1-21												
1-22												
1-25					TRANSFERED TO NEW DRUM	P-16						Perchlor.
1-26					"	E-19						"
1-27						B-11						
1-28												
1-29												

ABA000333

932620136

ATTACHMENT III

WESTERN ELECTRIC CO.

1982 HAZARDOUS WASTE TRACKING SHEET "A" 1 of 1

FOR FACILITIES THAT ACCEPT OFF-SITE GENERATED HAZARDOUS WASTE

NJ FACILITY NUMBER	PLEASE MARK IF REJECTED	1982 DATE	HAZARDOUS WASTE ID #	QUANTITY	UNITS	* LOCATION WITHIN FACILITY	DESCRIPTION OF WASTE	GENERATOR'S EPA ID #
0075139		2/10	D001	200	G	301	Alcohol	NJD001882687
"		"	F003	150	"	"	Acetone	"
"		"	"	200	"	"	Mineral Spirits	"
"		"	F001	50	"	"	Trichloroethylene	"
"		"	"	50	"	"	Freon	"
0075140		6/21	D001	50	"	"	Alcohol	"
"		"	F003	100	"	"	Acetone	"
"		"	"	100	"	"	Mineral Spirits	"
"		"	F001	100	"	"	Trichloroethylene	"
"		"	F003	50	"	"	Castor Oil	"
"		"	F001	250	"	"	Freon	"
0075141		10/8	D001	100	"	"	Alcohol	"
"		"	F003	50	"	"	Acetone	"
"		"	"	50	"	"	Mineral Spirits	"
"		"	D001	50	"	"	Castor Oil	"
"		"	F001	50	"	"	Freon	"

*Haz. Waste Storage Area

ABA000334

932620137

ATTACHMENT IV

WESTERN ELECTRIC CO.

FORM - HAZARDOUS WASTE TRACKING SHEET "B" 1 of 4

FOR FACILITIES THAT GENERATE TREAT OR STORE HAZARDOUS WASTE

1982 DATE	HAZARDOUS WASTE ID #	QUANTITY	UNITS	METHOD OF TSD	LOCATION WITHIN FACILITY	OBERDORF, N.J. MANIFEST # (IF APPLICABLE)	DESCRIPTION OF WASTE	1982 DATE WASTE SHIPPED OFF SITE
1/4	D001	1000	G	S01	*	0075157	Trichloroethylene Mixt.	2/18
1/6	"	2300	"	"	"	0075154 & 0075155	Xylene	1/21 & 2/4
"	"	1000	"	"	"	"	Varsol	"
1/8	"	1350	"	"	"	007515	Trichloroethylene Mixt.	2/18
1/11	"	1000	"	"	"	0075156	Perchloroethylene Mixt.	2/11
1/14	"	750	"	"	"	0075155	Xylene	2/4
"	"	650	"	"	"	" & 0075157	Varsol	" & 2/18
1/18	"	1000	"	"	"	"	Thinners	"
1/19	"	750	"	"	"	0104151 & 0104152	Perchloroethylene Mixt.	2/25 & 4/15
1/20	"	350	"	"	"	0075155	Xylene	2/4
1/22	"	950	"	"	"	0104151	Methyl Ethyl Ketone	2/25
1/26	"	1100	"	"	"	"	Trichloroethylene Mixt.	"
1/28	"	1050	"	"	"	0104152	Perchloroethylene Mixt.	4/15
2/2	"	500	"	"	"	"	Methl Ethyl Ketone	"
2/4	"	200	"	"	"	"	Varnish	"
2/8	F017	300	"	"	"	0104162	Paint Sludge	7/8
2/9	D001	500	"	"	"	0104161	Methylene Chloride Mixt.	6/24
"	"	150	"	"	"	"	Ionic Solve Mixt.	"
2/16	F017	300	"	"	"	0104162	Paint Sludge	7/8
2/19	D001	500	"	"	"	0104152	Varnish	4/15
2/22	"	300	"	"	"	0104161	Perchloroethylene Mixt.	6/24
2/25	"	550	"	"	"	"	Methylene Chloride Mixt.	"
3/1	F017	300	"	"	"	0104162	Paint Sludge	7/8

*Haz. Waste Storage Area

ABA0000335

932620138

ATTACHMENT IV

WESTERN ELECTRIC CO.

1982 HAZARDOUS WASTE TRACKING SHEET "B"

FOR FACILITIES THAT GENERATE TREAT OR STORE HAZARDOUS WASTE

1982 DATE	HAZARDOUS WASTE ID #	QUANTITY	UNITS	METHOD OF TSD	LOCATION WITHIN FACILITY	ONGOING N.J. MANIFEST # (IF APPLICABLE)	DESCRIPTION OF WASTE	1982 DATE WASTE SHIPPED OFF
3/3	D001	500	G	S01	*	0104152	Methyl Ethyl Ketone	4/15
3/5	"	300	"	"	"	0104161	Sonic Solve Mixt.	6/24
3/9	F017	300	"	"	"	0104162	Paint Sludge	7/8
3/12	D001	500	"	"	"	0104152	Varnish	4/15
3/15	F017	150	"	"	"	0125323	Paint Sludge	8/12
3/17	D001	500	"	"	"	0104161	Methylene Chloride Mixt	6/24
3/22	F017	400	"	"	"	0125323	Paint Sludge	8/12
3/25	D001	300	"	"	"	0104161	Methyl Ethyl Ketone	6/24
3/26	"	200	"	"	"	0104162	Methylene Chloride Mixt	7/8
3/30	F017	600	"	"	"	0125323	Paint Sludge	8/12
4/2	D001	[illegible]	"	"	"	[illegible]	Perchloroethylene Mixt.	6/24
4/6	"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Methylene Chloride Mixt	8/12
4/7	"	[illegible]	[illegible]	[illegible]	"	[illegible]	Trichloroethylene Mixt.	6/24
4/12	F017	[illegible]	[illegible]	"	"	[illegible] & 0125500	Paint Sludge	8/12 & 8/19
4/15	D001	400	"	"	"	0104161	Varsol	6/24
4/19	F017	500	"	"	"	0125500	Paint Sludge	8/19
4/26	"	600	"	"	"	"	" "	"
4/29	D001	600	"	"	"	0125323	Methylene Chloride Mixt	8/12
5/4	F017	700	"	"	"	0125500 & 0125324	Paint Sludge	8/19 & 9/10
5/7	D001	350	"	"	"	0104161	Perchloroethylene Mixt.	6/24
5/10	"	750	"	"	"	0125323	Methylene Chloride Mixt	8/12
"	F017	700	"	"	"	0125324	Paint Sludge	9/10
5/17	"	750	"	"	"	"	" "	"
5/20	D001	450	"	"	"	0125500	Perchloroethylene Mixt.	8/19

*[illegible] Waste Storage A[illegible]

ATTACHMENT IV

WESTERN ELECTRIC CO.

1982 HAZARDOUS WASTE TRACKING SHEET "B"

FOR FACILITIES THAT GENERATE TREAT OR STORE HAZARDOUS WASTE

1982 DATE	HAZARDOUS WASTE ID #	QUANTITY	UNITS	METHOD OF TSD	LOCATION WITHIN FACILITY	OPERATING N.J. MANIFEST # (IF APPLICABLE)	DESCRIPTION OF WASTE	1982 DATE WASTE SHIPPED OFF SI
5/24	F017	900	G	S01	*	0125324 & 0125325	Paint Sludge	9/10 & 10/28
6/1	"	750	"	"	"	"	" "	"
6/2	D001	750	"	"	"	0125323	Methylene Chloride Mixt	8/12
6/7	F017	650	"	"	"	0125325	Paint-Sludge	10/28
6/14	"	650	"	"	"	"	" "	"
6/28	"	800	"	"	"	"	" "	"
6/30	D001	950	"	"	"	0125500 & 0125324	Methylene Chloride Mixt	8/19 & 9/10
7/2	"	500	"	"	"	0125500	Trichloroethylene Mixt.	8/19
7/8	F017	700	"	"	"	0125325 & 0125326	Paint Sludge	10/28 & 11/4
7/27	"	600	"	"	"	"	" "	"
8/2	"	800	"	"	"	"	" "	"
"	D001	50	"	"	"	0125324	Methyl Ethyl Ketone	9/10
8/6	"	600	"	"	"	"	Varnish	"
8/9	F017	700	"	"	"	0125326	Paint Sludge	11/4
8/11	D001	200	"	"	"	0125324	Xylene	9/10
8/13	"	100	"	"	"	"	Photo Resist	"
8/17	F017	900	"	"	"	0125326	Paint Sludge	11/4
8/20	D001	500	"	"	"	0125327	Perchloroethylene Mixt.	11/11
8/24	F017	700	"	"	"	0125326 & 0125327	Paint Sludge	11/4 & 11/11
8/27	D001	200	"	"	"	0125325	Trichloroethylene Mixt.	10/28
8/30	F017	900	"	"	"	0125327	Paint Sludge	11/11
9/3	D001	500	"	"	"	"	Perchloroethylene Mixt.	"

*Haz. Waste Storage Area

ABA000337

932620140

ATTACHMENT IV

WESTERN ELECTRIC CO.

1982 HAZARDOUS WASTE TRACKING SHEET "B"

FOR FACILITIES THAT GENERATE TREAT OR STORE HAZARDOUS WASTE

1982 DATE	HAZARDOUS WASTE ID #	QUANTITY	UNITS	METHOD OF T&D	LOCATION WITHIN FACILITY	OPTIONAL N.J. MANIFEST # (IF APPLICABLE)	DESCRIPTION OF WASTE	1982 DATE WASTE SHIPPED OFF-SI
9/7	F017	700	G	301	*	0125327	Paint Sludge	11/11
9/10	1001	400	"	"	"	0125326	Varnish	11/4
9/14	F017	700	"	"	"	0125327	Paint Sludge	11/11
9/23	"	700	"	"	"	" &	" "	" &
						0125329		12/13
"	1001	50	"	"	"	0125325	Photo Resist	10/28
"	"	150	"	"	"	"	Acetone	"
10/1	F017	900	"	"	"	0125329	Paint Sludge	12/13
10/4	1001	400	"	"	"	0125326	Varnish	11/4
10/21	F017	500	"	"	"	0125329	Paint Sludge	12/13
10/25	1001	950	"	"	"	"	Varnish	"
11/1	F017	800	"	"	"	"	Paint Sludge	"
11/16	"	250	"	"	"	"	" "	"
11/24	1001	500	"	"	"	"	Varnish	"
12/1	1001	900	"	"	"		Trichlorvethylene Mixt.	
12/3	1001	750	"	"	"		Perchlorvethylene Mixt.	
12/6	NJD900	400	"	"	"	0125338	Paint Sludge	3/9/83
12/20	1001	900	"	"	"		Trichlorvethylene Mixt.	
12/23	NJD900	400	"	"	"	0125338	Paint Sludge	3/9/83

*Haz. Waste Storage Area

ABA000338

932620141

ATTACHMENT V

1982 SUMMARY OF MATERIAL RECEIVED & STORED

GENERATOR	NEW JERSEY MANIFEST NO.'S	DESCRIPTION OF WASTE	STORAGE QTY. (IN GALLONS) RECEIVED	REMOVED
		Alcohol	350	350
		Acetone	300	300
		Mineral Spirits	350	300
		Trichloroethylene	150	150
		Castor Oil	100	100
		Freon	350	0
2. Western Electric Co. 100 Central Avenue Kearny, N.J.	None (Self Generated)	Trichloroethylene Mixt.	5100	4100
		Xylene	3600	3600
		Varsol	2150	2150
		Perchloroethylene Mixt.	5900	5150
		Thinners	1000	1000
		Methyl Ethyl Ketone	2300	2300
		Varnish	3650	3650
		Paint Sludge	40000	19,900
		Methylene Chloride Mixt.	1250	1250
		Sonic Solve Mixt.	450	450
		Photo Resist	150	150
		Acetone	150	150

ABA000339

932620142

May 17, 1983

MR. M. S. KIRWAN - 83460

Re: Disposal Routine for Spent Nickel Solution

The attempt to reclaim the spent nickel solution proved unsuccessful. The attached letter, dated 5/13/83, details the reason why.

Since reclamation is out, please follow this alternate disposal routine. Place the 1000 gallons into twenty 55 gallon closed-top steel drums. If the pH is 4 or more acetic, plastic inner liners are required. Label each drum, identifying the waste and using shop section number, and ship it to the Hazardous Waste Outside Storage Area (OP) on a flat bed trailer. Final disposition will be accomplished at that end.

OCT:80320:sr

J. T. CHIKOWSKI - 80320

Att.

Copy to:
A. Messano - 22157
A. Basile - 80320

ABA000340

932620143

Western Electric

Corporate Engineering

222 Broadway
New York, NY 10038
212 669 2345

JUL 1 3 1983

MR. J. KREITZ
Engineering Manager

Kearny Works

Re: Waste Treatment Plant and RCRA/PCB Surveys

Attached for your information are two (2) Memoranda; one on our waste treatment plant survey and the other on our RCRA/PCB survey, both prepared by Mr. E. T. Lee of my organization.

Mr. Lee was extremely well pleased with the operation and maintenance of your waste treatment plant. Except for a couple of minor comments about the hazardous waste storage facility, your RCRA/PCB program is also considered satisfactory.

We appreciate the assistance provided to Mr. Lee by your staff during the surveys.

T. A. MULHERN, P.E.
Energy and Environmental
Engineering Manager

Att.

ABA000341

932620144

JUL · 1983

MEMORANDUM FOR RECORD

Re: RCRA/PCB Survey at the Kearny Works

On June 20 and 23, 1983, I conducted a RCRA/PCB survey at the Kearny Works. Messrs. Bruce Rapp, Chris Tranchetti, and Angelo Basile hosted the tour and provided assistance during the survey. Last onsite survey was conducted in October 27, 1981.

RCRA Compliance Survey

The following categories of hazardous waste are managed under RCRA:

Paint sludge
Chlorinated Solvents - methylene chloride, perchloroethylene, trichloroethylene, etc.
Fluorinated Solvents - variety of Freons
Flammable Solvents - MEK, Varsol, xylene, acetone, alcohols, etc.
Varnishes
Miscellaneous Corrosives
Cyanide Sludge
Waste Oil

All these wastes except waste oil are manifested. Waste oil has been listed as hazardous waste by New Jersey D.E.P. effective January 17, 1983, but manifesting is exempted for generators who produce less than 1001 gallons per month (see attached New Jersey Register).

1. Manifest - Kearny Works is in compliance with both the

2. Containers - The containers observed in the storage area were in good condition with proper DOT and EPA hazardous waste labels.

3. Written Inspection Plan - The storage area is inspected daily for leaking and rusting containers and the security of the gate and drain system as indicated by the attached Storage Area Inspection Record sheet. Also maintained is a daily Storage Tracking Record. Both records were modeled from the information provided by the NJ DEP for the TSD (Transport, Storage and Disposal of Hazardous Waste) annual report requirements.

ABA000342

932620145

JUL 1 2 1983

MEMORANDUM FOR RECORD

Re: Waste Treatment Plant Survey at the Kearny Works

On June 21 and 23, 1983, I conducted a waste treatment plant (WTP) survey at the Kearny Works. Messrs. Angelo Basile, Bill McComb, and Felix Sanchez provided assistance during the survey. The last survey was conducted during October of 1981.

General

The WTP is operated one shift, five days a week, treating about 120,000 gallons of wastewater per day. This flow is double the volume observed during our last survey. The plant is very well maintained and operated by two licensed operators and a helper. Both the control room and the downstairs pump room were in immaculate condition. Pump maintenance and repair are done by the operators. Instrumentation work is performed by a contractor. The clarifier effluent was crystal clear. A stable, well defined sludge bed was visible under three to four feet of sparkling clear supernatant.

Chrome Treatment

The sulfur dioxide residual is usually maintained at 30 to 40 ppm by a pH set point of 2.4 and an ORP set point of 240 mv. This higher sulfur dioxide residual is maintained due to the presence of hexavalent chrome in the cyanide waste. In the rapid mix tank where the pretreated cyanide and the pretreated chrome are mixed, the excess sulfur dioxide is put to use to destroy the hexavalent chrome from the cyanide waste. The pH in the influent chamber of the rapid mix tank is kept below 4.0 to allow the chrome reduction to take place.

Cyanide Treatment

A chlorine residual of 4-6 ppm is normally maintained in the pretreated cyanide effluent by the following pH and ORP set points:

	pH	ORP, mv
1st Stage	10.	420
2nd Stage	8.	600

Cyanide destruction under these conditions is reported to be effective.

Acid-Alkali Neutralization

Currently, pH adjustment in the acid-alkali neutralization system is not performed, the wastewater simply flows through the system. This is done, as mentioned before, to create a low pH (less than 4.0) condition in the influent chamber of the rapid mix tank to facilitate the reduction of any hexavalent chrome that might be present in the cyanide waste.

ABA000344

932620146

pH adjustment for the acid-alkali and pretreated chrome and cyanide is performed in one step in the main compartment of the rapid mix tank. The pH is controlled at a set point of 8.7. The pH leaving the rapid mix tank was recorded at 8.7 ± 0.3 during the survey. Further examination of previous recording charts showed similar results. This is considered very satisfactory for one step pH control.

Solid Removal

A well defined sludge blanket formed by large size floc was clearly visible three feet below the water surface. A sample taken from the clarifier effluent showed no visible suspended solids, it was crystal clear. Mr. McComb reported that this kind of performance has been achieved consistently since the printed wiring board operation was discontinued in 1981.

The coagulant aid dosage and the blow-off schedule are adjusted according to the condition of the floc formation and the thickness of the sludge blanket. During the survey, the coagulant aid, Calgon WT-2700, was added in the clarifier center well at about 5 ppm. The sludge blow-off schedule was set at 45 seconds per 45 minutes.

Effluent Quality

The following National Pollutant Discharge Elimination System (NPDES) permit conditions are in effect:

Oil and grease (mg/l)	10	Ni Soluable (mg/l)	1.0
TSS (mg/l)	10	Lead Total (mg/l)	1.0
Cr Total (mg/l)	0.25	Lead Soluable (mg/l)	0.05
Cr^{+6} (mg/l)	0.05	Iron Total (mg/l)	1.5
Cu Total (mg/l)	1.0	Iron Soluable (mg/l)	0.5
Cu Soluable (mg/l)	0.2	Cyanide Oxidizable (mg/l)	0.03
Ni Total (mg/l)	2.0	pH (units)	6.0 - 9.0

These limits are considered quite stringent. The WTP effluent has been in total compliance with the above limits since last survey in October, 1981.

Sludge Dewatering

The vacuum filter currently runs about twice a week. It consumes 900 lbs. (18 50 lb. bags) of perlite material to precoat each time and dewaters 15 - 20,000 gallons of sludge and generates 8,000 to 10,000 lbs. of filter cake. Every 7 to 10 days the filter cake fills a truck load of 10 tons. Each truck load of the filter cake which contains about 20% solids (17% - 22%), is analyzed for EP toxicity before shipment. If it is

Pump Room

The pump room was in immaculate condition. Equipment was very well painted. According to the operators, broken equipment is quickly repaired as soon as the parts are available.

The two epoxy floor coating tears reported in the last survey were repaired.

NPDES Permit

The last NPDES permit was to expire on June 30, 1981. A permit renewal application was filed in December, 1980. A new permit has not been issued. The permit conditions set forth in the last permit are still in effect.

A Compliance Monitoring Inspection of the Kearny WTP was conducted by the N.J. DEP on March 3, 1983. The facility was rated as Acceptable out of a possible rating of Acceptable, Conditional Acceptable, or Unacceptable.

Conclusion

The Kearny WTP is very well maintained and operated. The discharge has been in total compliance with permit conditions for nearly two years. The immaculate condition of the facility should be highly commended.

J. L. Emires for
E. T. LEE

932620148

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

CALENDAR YEAR COVERED 1983

1. FACILITY'S NAME AT&T. TECHNOLOGIES, INC.

2. EPA ID NO. NJD 002139053

3. MAILING ADDRESS 100 CENTRAL AVE
KEARNY
NEW JERSEY 07032

4. STREET ADDRESS OF FACILITY 100 CENTRAL AVE.
KEARNY
NEW JERSEY 07032

5. FACILITY CONTACT G.C. TRANCHETTI PHONE NUMBER (201) 465-5445

CLOSURE COST ESTIMATE $ 74,000

6. POST-CLOSURE COST ESTIMATE (if applicable) $ NOT APPLICABLE

7. CERTIFICATION STATEMENT

"I certify under panalty of law that I have personally examined and am familar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties under N.J.S.A. 13:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment".

R.R. WAHLBERG _____ _____
Print or Type Name Signature Date

8. In addition to the information required above and that required in Part II of this report, please submit the following required items: (where applicable)

A. A copy of the facility's typical waste analysis form. (INCLUDED)
B. A copy of the facility's typical daily inspection form. (INCLUDED)
C. A copy of the typical notice to a generator, required under N.J.A.C. 7:26-9.4(a)1 and a listing of all generators who received this notice (only for commercial facilities). (N/A)
D. A listing of all waste shipments rejected, according to manifest number and an explanation for each rejected shipment (only for commercial facilities). (N/
E. A listing of all manifest discrepancies and an explanation of each discrepancy (only for commercial facilities) (N/A)
F. A listing of the total quantity of each waste type treated, stored, or disposed of at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste.
G. A listing of the total quantities of each waste type consigned to each treatment, storage, or disposal process used at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste. (NONE REQ'D SAME AS F)
H. A report covering all incidents that required implementing the contingency plan. (NONE REQ'D)

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART II

11. FACILITY EPA ID # NJD CC2139053

12. GENERATOR NAME A.T.&T. TECHNOLOGIES, INC.

13. GENERATOR ADDRESS 100 CENTRAL AVE
KEARNY
NEW JERSEY 07032

14. GENERATOR EPA ID # NJD CC2139053

15. WASTE IDENTIFICATION

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS
1.	CORROSIVE NOS	D002	S01	25600	P
2.	PAINT SLUDGE	NJX900	"	198950	"
3.	FLAM. LIQ. NOS (VARSOL)	D001	"	1350	"
4.	FLAM. LIQ. NOS (MN. SPIRITS)	D001	"	1250	"
5.	TRICHLORETHYLENE MIXT.	D001	"	58800	"
6.	FLAM. LIQ. NOS (THINNERS)	D001	"	7200	"
7.	PAINT, VARNISH	D001	"	39400	"
8.	PERCHLORETHYLENE	D001	"	31800	"
9.	HAZARDOUS LIQ. NOS	D001	"	7100	"
10.	HAZARDOUS LIQ. NOS	D002	"	800	"
11.	CORROSIVE LIQ. NOS	D002	"	13650	"
12.	GASOLINE-WATER MIXT.	D001	"	3200	"
13.	CYANIDE SOL. NOS	D001	"	10350	"
14.	METHYLENE CHLORIDE MIXT.	D001	"	1700	"
15.	FLAM. LIQ. NOS	D001	"	3450	"
16.	SODIUM HYDROXIDE SOL.	D002	"	1300	"
17.	CORROSIVE SOLID NOS	D002	"	13400	"
18.	FORMALDAHYDE	D001	"	15500	"
19.	ALCOHOL	D001	"	1600	"
20.	ACETONE	D001	"	1500	"

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LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS
21.	METHYLETHYLKETONE	DC01	SC1	600	P
22.	FLAM. LIQ. NOS	D001	"	19500	"
23.	WASTE OIL NOS	NJX726	"	92590	"
24	FREON	FC01	"	4200	"

PAGE 2 OF 2

ABA000349

932620151

Western Electric

Morton I. Zeidman
Attorney

222 Broadway
New York N.Y. 10038
212 669 2510

December 7, 1983

MR. JOE SCHMIDT
Office of Regulatory Services
NJ Department of Environmental
Protection
CN 402
Trenton, NJ

Re: Western Electric Co., Inc. - Kearny Works
100 Central Ave., Kearny, NJ 07032

Dear Mr. Schmidt:

On January 27, 1983, the Western Electric Company announced plans to close its Kearny, NJ, manufacturing facility.[1] The closing will occur in stages over several years. Subsequent to the announcement, the New Jersey Environmental Cleanup Responsibility Act (ECRA) was passed requiring an industrial establishment to notify the Department of Environmental Protection (DEP) of its decision to close a facility. The act becomes operative on December 31, 1983, and Western Electric, if subject to the provisions of ECRA, would be required to notify the DEP prior to December 31, 1983.

Section 3F of ECRA provides in part, "Those facilities or parts of facilities subject to operational closure and post closure maintenance requirements pursuant to the 'Solid Waste Management Act,' P.L. 1970, C. 39 (C.13:1E-1 et seq.), the 'Major Hazardous Waste Facilities Siting Act,' P.L. 1981, C. 279 (C.13:1E-49 et seq.) or the 'Solid Waste Disposal Act' (42 U.S.C. Sec. 6901, et seq.)... shall not be considered industrial establishments for the purposes of this act."

1 A copy of the announcement is attached.

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932620152

During our discussion on November 30, 1983, Chris Tranchetti and I informed you that the Kearny facility contained a waste water treatment plant and storage facility which are subject to the closure and post closure requirements of the statutes specified in Sec. 3F above. We asked you whether the Kearny Works is subject to the ECRA since the waste water treatment facility and storage facility would require closure and post closure maintenance, pursuant to the Solid Waste Disposal Act or the Solid Waste Management Act (statutes).

You determined that the Kearny Works would not be subject to the provisions of ECRA since the waste treatment and storage facility are subject to closure and post closure maintenance requirements and consequently the Kearny Works would be subject to the closure and post closure requirements of the "statutes." [2]

Based on your determination, Western is not required to notify the DEP of its decision to close the Kearny Works (although such notification is contained in this letter) or to submit a negative declaration or cleanup plan pursuant to ECRA.

If the above properly describes the determination made by you in our conversation of November 30, 1983, I would appreciate you indicating your concurrence on the bottom of this letter and returning same to me.

Very truly yours,

---

2 Pursuant to the "statutes," Western Electric has furnished the DEP with a letter of credit covering the closure costs of the waste treatment plant and storage facility and a cleanup plan for such facilities.

AT&T
Technology Systems

100 Central Avenue
Kearny, N. J. 07032
201-465-4000

FEB 2 1984

Manifest Section
N. J. Dep. Division of Waste Management
Bureau of Hazardous Waste Classification & Manifest
32 East Hanover Street
Trenton, New Jersey 08625

Re: Generator's Annual Report

Gentlemen:

In response to Mr. D. J. Leu's request of December 15, 1983 attached is the AT&T Technologies, Inc. (formerly Western Electric Co.), Kearny Works Hazardous Waste Generator's Annual Report for 1983. If you have any questions, either contact me on the telephone number listed in the report, or Chris Tranchetti on (201-465-5445.

RCT:23310:rda

Att:

Yours truly,

R. F. WAHLBERG, Department Chief
Environmental Engineering

ABA000352

932620154

Department of Environmental Protection
Division of Waste Management
Bureau of Hazardous Waste Classification and Manifest

NJD 002139053 NJT —
EPA ID number (If one was issued)

AT&T TECHNOLOGIES, INC. (WESTERN ELECTRIC CO) (201) 465-5454
Company Name Phone Number

100 CENTRAL AVENUE
Street Address

KEARNY HUDSON NJ 07032
City County State Zip

SAME AS ABOVE
Mail Address Street Address (If different)

City County State Zip

40° 43' 30" N 74° 06' 50" W
Latitude Longitude

(201) 465-5555 (PLANT PROTECTION)
Emergency Phone

Generator L Transporter STORAGE Facility L
Company Type (Please check that which applied to your Company)

3661
SIC Code

ABA000353

932620155

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1993

P.O. 1 of 7

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139053
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S EPA ID NO MDD 000771373
5. ADDRESS P 21222
7. FACILITY'S NAME EPA ID NO NYD 080336241
9. ADDRESS 14302

10.	MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
1/7	0125331	METAL HYDROXIDE SLUDGE	ORM-E	8	TONS	F006	
1/20	0125332	" " "	"	8	"	"	
1/26	0125333	" " "	"	8	"	"	
2/3	0125334	" " "	"	8	"	"	
2/8	0125335	" " "	"	8	"	"	
2/15	0125336	" " "	"	8	"	"	
2/24	0125337	" " "	"	8	"	"	
3/8	0125339	" " "	"	7.2	"	"	
3/21	0125466	" " "	"	8	"	"	
4/5	0125468	" " "	"	8	"	"	
4/12	0125469	" " "	"	9.63	"	"	
4/21	0125470	" " "	"	8	"	"	
4/26	0125471	" " "	"	9.72	"	"	
5/3	0125473	" " "	"	9.97	"	"	
5/10	0125474	" " "	"	9.93	"	"	
5/12	0125475	" " "	"	8.98	"	"	
5/25	0125476	" " "	"	8.83	"	"	

* PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000354

932620156

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002133053
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 462-5454
4. TRANSPORTER PA ID NO MDD 000771373
5. ADDRESS 22
7. FACILITY'S NYD 080336241
9. ADDRESS 2

10.	MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
6/6/83	0125477	METAL HYDROXIDE SLUDGE	ORM-E	9.21	TONS	F 006	
6/13	0125484	" " "	"	9.20	"	"	
6/20	0125478	" " "	"	9.631	"	"	
6/29	0125479	" " "	"	11.1	"	"	
7/7	0125480	" " "	"	10.18	"	"	
7/12	0125481	" " "	"	9.59	"	"	
7/14	0125482	" " "	"	8.29	"	"	
9/1	0125483	" " "	"	9.4	"	"	
9/6	0125488	" " "	"	9.42	"	"	
9/12	0125489	" " "	"	9.88	"	"	
9/19	0125493	" " "	"	9.82	"	"	
9/22	0125495	" " "	"	8.22	"	"	
10/4	0125499	" " "	"	9.31	"	"	
10/13	0168983	" " "	"	7.9	"	"	
10/27	0168984	" " "	"	7.84	"	"	
11/7	0168985	" " "	"	8.35	"	"	
11/16	0161136	" " "	"	8.34	"	"	

* PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000355

932620157

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139053
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S 5. EPA ID NO MDD 000797373
5. ADDRESS 21222
7. FACILITY'S NAME EPA ID NO NYD 080336241
9. ADDRESS 14302

10.	MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
11/22/83	0161137	Metal Hydroxide Sludge	ORM-E	8.0	TONS	F006	
12/7	0161140	" " "	"	6.94	"	"	
12/15	0161141	" " "	"	6.61	"	"	

PLACE AN "X" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

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932620158

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139053
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S NAME . EPA ID NO ALD 000622464
5. ADDRESS MA 35459
7. FACILITY'S NAME EPA ID NO ALD 000622464
9. ADDRESS MA 35459

10.	NJ MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
3/9/83	0125338	Corrosive NOS (Varnish)	Corrosive	25600	Lbs	D002	
	"	Paint Sludge	None	6400	"	NJX900	
4/14/83	0125467	Flam Liq NOS (Varsol)	Flam Liq	1350	"	D001	
	"	" " " (Chlorinated Xylene)	" "	450	"	"	
	"	Paint Sludge	None	12000	"	NJX900	
	"	Trichloroethylene Mist	ORMA	14400	"	D001	
	"	Flam Liq NOS (Thinners)	Flam Liq	7200	"	"	
	"	Paint, Varnish	" "	2700	"	"	
5/3/83	0125472	Paint Sludge	None	32000	"	NJX900	
9/8/83	0125486	Trichloroethylene Mist	ORMA	13200	"	D001	
	"	Perchloroethylene Mist	"	16500	"	"	
	"	Paint Sludge	None	12000	"	NJX900	
9/22/83	0125444	Haz Liq NOS	ORME	7100	"	D001	
	"	" " "	"	800	"	D002	
	"	Corrosive Liq NOS	Corrosive	1000	"	"	
	"	Trichloroethylene Mist	ORMA	9600	"	D001	
	"	Perchloroethylene Mist	"	15000	"	"	

* PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000357

932620159

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1993

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139063
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S NAME , EPA ID NO ALD 000622464
5. ADDRESS 35459
7. FACILITY'S NAME IDNO ALD 000622464
9. ADDRESS 35459

10. MANIFEST NO (NJ)	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
9/21/93 0125496	Paint Sludge	None	8000	LBS	NJ X900	
"	Paint, Varnish	Flam Liq	30000	"	D001	
9/28/93 0125497	Paint Sludge	None	16450	"	NJ X900	
"	Paint, Varnish	Flam Liq	5200	"	D001	
"	Gasoline-Water Mixt	" "	3200	"	"	
"	Trichloroethylene Mixt	ORMA	2000	"	"	
"	Cyanide Sol NOS	Poison B	900	"	"	
" 0125498	Methylene Chloride Mixt	ORMA	600	"	"	
"	Flam Liq NOS	Flam Liq	1200	"	"	
"	Sodium Hydroxide Sol	Corrosive	1300	"	D002	
"	Corrosive Liq NOS	"	650	"	"	
"	" Solid "	"	1400	"	"	
9/21/93 0168986	Formaldahyde	ORMA	15500	"	D001	
"	Paint Sludge	None	13000	"	NJ X900	
"	Flam Liq NOS (Min Spirits)	Flam Liq	800	"	D001	
"	Alcohol	" "	1400	"	"	
"	Acetone	" "	1800	"	"	

PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000358

932620160

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1-30-1601-7

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139053
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S NA: A ID NO ALD 000622464
5. ADDRESS _____ 35459
7. FACILITY'S NAME _____ PA ID NO ALD 000622464
9. ADDRESS _____ NJ PA 35459

10. MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
11/21/83 01689856	Trichloroethylene Mixt	ORMA	1800	LBS	D001	
12/1/83 0161138	Methylene Chloride Mixt	"	600	"	"	
"	Methyl Ethyl Ketone	Flam Liq	450	"	"	
"	Trichloroethylene Mixt	ORMA	15400	"	"	
"	Paint Sludge	None	18800	"	NJX900	
"	Paint, Varnish	Flam Liq	1500	"	D001	
12/8/83 0161139	Flam Liq NOS	ORME	19500	"	"	
"	Paint Sludge	None	12800	"	NJX900	
"	Flam Liq NOS	Flam Liq	2250	"	D001	
"	Trichloroethylene Mixt	ORMA	2400	"	"	

PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000359

932620161

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME AT&T Technologies, Inc. (Western Electric Co) 2. EPA ID NO. NJD 002139063
3. ADDRESS 100 Central Avenue, Kearny, N.J. 07032 TELEPHONE (201) 465-5454
4. TRANSPORTER'S N: 5. EPA ID NO NJD 980536577
5. ADDRESS 8 SSEY OBIOS
7. FACILITY'S NAME 8. EPA ID NO NJD 980536577
9. ADDRESS 1, New Jersey OBIOS

10. NJ MANIFEST NO	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
8/12/83 0125485	Waste Oil NOS	Combustible Liq	6200	Gal.	NJ X 726	
9/15/83 0125487	" " "	" "	2000	"	"	
9/12/83 0125490	" " "	" "	2200	"	"	
" 0125491	" " "	" "	2000	"	"	
" 0125492	" " "	" "	2500	"	"	
10/6/83 0168982	" " "	" "	6000	"	"	

" PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

ABA000360

932620162

AT&T
Technology Systems

Kearny Works

100 Central Avenue
Kearny NJ 07032
201 465-4500

FEB 27 1985

Manifest Section
N. J. Dep. Division of Waste Management
Bureau of Hazardous Waste Classification & Manifest
32 East Hanover Street
Trenton, New Jersey 08625

Re: Generator's Annual Report

Gentlemen:

In Response to Nancy Power's request of January 26, 1984, attached is the AT&T Technologies, Inc. (formerly Western Electric Co.), Kearny Works Hazardous Waste Generator's Annual Report for 1984. If you have any questions, contact Chris Tranchetti on (201) 465-5445.

BCT:23310:amk

Yours truly,

Att:

R. B. [illegible]AHLBERG, Department Chief
Environmental Engineering

ABA000365

932620163

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE GENERATOR ANNUAL REPORT 1984

I. EPA ID Number: NJD 002139053

II. Generator Name: AT&T Technologies, Inc.

III. _____ Check here if there was no hazardous waste manifested during the report year.

III B. _____ Check here if the company is considered a small quantity generator.

IV. Contact Person: Chris Tranchetti

V. Phone Number: 1- (201) 465-5445

VI. Annual total of waste generated (Attachment)

VII. Company information verification (Attachment)

VIII. Certification

I certify that the information given in this annual report is true, accurate and complete.

R. R. WAHLBERG _____ _____ _____
(Print or type name) (Signature) (Date)

ABA000366

932620164

Part VI.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
MANIFEST SECTION
GENERATOR ANNUAL REPORT 1984

1. Generator Name: AT&T Technologies, Inc. EPA ID No. 002133053

Site Address: 100 Central Avenue, Kearny, New Jersey 07032

2. Transporter Nam . ID No. NYD080336241

3. TSD Facility Na . ID No. NYD080336241

TSDF Address:

4. Waste Information:

Waste Type	Waste Description	DOT Haz Class	Total Quantity	Units
F006	Metal Hydroxide Sl...	IRM-E NA9189)	344	Tons

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

ABA000367

932620165

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
MANIFEST SECTION
GENERATOR ANNUAL REPORT 1984

1. Generator Name: AT&T Technologies, Inc. EPA ID No. 002139053

Site Address: 100 Central Avenue, Kearny, New

2. Transporter N. ID No. ALD000622464

3. TSD Facility :). ALD000622464

TSDF Address: P. O. Bx 9

4. Waste Information:

Waste Type	Waste Description	DOT Haz Class	Total Quantity	Units
D001	Perchloroethylene Mixture	ORM-A	38,500	Lbs.
NUX900	Paint Sludge	None	227,600	Lbs.
D001	Flam. Liq. N.O.S. (Varsol)	Flam. Liq.	6,723	Lbs.
D001	Acetone	Flam. Liq.	722	Lbs.
D001	Flam. Liq. N.O.S. (Thinners)	Flam. Liq.	8,000	Lbs.
D001	Trichloroethylene Mixture	ORM-A	21,100	Lbs.
D001	Paint, Varnish	Flam. Liq.	48,900	Lbs.
None	Glycerine	None	2,000	Lbs.
D001	Haz. Waste, Solid, N.O.S.	ORM-E	8,100	Lbs.
D002	Corrosive Liq., N.O.S.	Corrosive	4,800	Lbs.

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

ABA000368

932620166

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
MANIFEST SECTION
GENERATOR ANNUAL REPORT 1984

1. Generator Name: AT&T Technologies, Inc. EPA ID No. 002139053

Site Address: 100 Central Avenue, Kearny, New Jersey 07032

2. Transporter N[illegible] A ID No. NJD980536577

3. TSD Facility [illegible] No. NJD980536577

TSDF Address: [illegible] Jersey 08105

4. Waste Information:

Waste Type	Waste Description	DOT Haz Class	Total Quantity	Units
NJX726	Waste Oil N.O.S.	Combustible Liquid	12450	Gals.

NOTE: For each combination of transporter and TSD facility, list the total quantity manifested for each waste type.

ABA000369

932620167

COMPANY INFORMATION			CHANGE
EPA ID:	NJD002139053		
COMPANY NAME:	WESTERN ELECTRIC CO. INC.		AT&T Technologies, Inc.
--SITE ADDRESS--			
SITE STREET:	100 CENTRAL AVENUE		
SITE CITY:	KEARNY		
SITE STATE:	NJ		
SITE ZIP:	07032		
--MAILING ADDRESS--			
MAIL STREET:			
MAIL CITY:			
MAIL ZIP:	07032		
--GENERAL INFORMATION--			
CONTACT NAME:			Chris Tranchetti
PHONE NUMBER:	201-465-5454		(201) 465-5445
COUNTY:	HUDS		
LATITUDE:		404330	
LONGITUDE:		740650	
SIC CODE:	3661		
COMPANY TYPE:	GEN- TSDF-		

ABA000370

932620168

MAY 31 1985

MEMORANDUM FOR RECORD

Re: New Jersey Pollutant Discharge Elimination System (NJPDES) Permit Renewal Conference at Kearny on May 21, 1985.

On May 21, 1985, at approximately 10:00 a.m., Herb Juppe and I met with three (3) New Jersey Department of Environmental Protection (NJDEP), Division of Water Resources representatives (Flavian Stellerine - NJDEP, Barry Langer - SAIC, and Yasmin Alilhai - SAIC. Business cards for all attached).

The purpose of the meeting was to determine if Kearny is required to renew it's NJPDES permit. Summarily, we are not. The associated details which led to this determination follows.

Mr. Stellerine outlined the State's position. Kearny has submitted it's 5-year permit renewal to the Federal EPA in 1980. Subsequent to that time, the NJDEP took over the permitting and enforcement effort-and-the State honored our Federal renewal as though it were submitted to New Jersey. Officially, Kearny had no definitive permit termination date, but the State was performing an orderly renewal investigation of all permittees and it was our turn. Hence, the reason for their visit.

A brief review of Kearny's permit followed. I identified that there were six outfalls, four of which(outfall numbers 003 through 006) were storm sewer outfalls into which we fed AC, drainage systems, water sumps and water fountain effluent. Outfall number 001 was the Powerhouse discharge point, from which cooling water effluent emanates. Outfall number 002 was the Waste Treatment Plant, from which the treated Plating Shop effluent emanates. The State reviewed a copy of an NJDEP 4/26/85 Compliance Evaluation Inspection from which we received an "Acceptable" (the highest available)rating. I furnished a copy of the Kearny Works Plot Plan with all six discharge locations shown. The State representatives also reviewed a copy of the Storm Sewer System Plot Plan to satisfactorily confirm the recently passed legislation regarding permitting of Parking Lot storm sewer outfalls.

I further pointed out that Union Minerals was purchasing the property around the end of June and identified the anticipated ECRA, completion of cleaning up the Plating Shop and Waste Treatment Plant as late July. Herb Juppe added that the Powerhouse would cease operations at the end of June. Mr. Stellerine and his colleques were completely satisfied with the information conveyed. He stated that permit renewal was not required in light of the above information. He indicated that termination of the permit was in order and that the proper vehicle to do this was an "Affidavit of Exemption" (copy attached). He added that, because the Waste Treatment Plant would be operating after the sale was consumated, we should contact the following person to confirm the technique of applying for the exemption.

Mr. Herman Adelman
NJDEP
Division of Water Resources
Bureau of Permits Administration
(609) 984-4428

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Mr Stellerine then requested a tour of the Waste Treatment Plant, the Powerhouse, and the four storm sewer outfalls so his group could write a final report on our permit, a copy of which we would receive. Herb Juppe left the meeting and I escorted the NJDEP group on the tour.

We finished at approximately 12:30 p.m., at which time the NJDEP left, after expressing their satisfaction and approval of Kearny's application of it's NJPDES permit.

G.C. Tranchetti
G.C. Tranchetti, CSP

GCT:23310:amk

Att: Business Cards
Affidavit of Exemption

Copy to:
R. R. Butterfield, Jr. - 54KY1
R. Bondani - 23000
H. L. Juppe - 23420

3 14 86

Copy to: Bill Lunel
Steve Lipinska

ABA000372

FOLBR05 - REPORT

N.J.D.E.P. - WATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

CATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE. BY PARM WITHIN EACH NJPDES FACILITY

NJPDES : 0020443 FACILITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

PIPE	PARM. NO.	PARAMETER DESCRIPTION	LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURC
001	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY	530.5		- UN
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY	90.42		- UN
	1034	CHROMIUM, TOTAL (AS CR)	.0000	KG/DAY	N/A		- UN
	1092	ZINC, TOTAL (AS ZN)	.0000	KG/DAY	N/A		- UN
002	530	SOLIDS, SUSPENDED, TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR RI
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR RI
	722	CYANIDE, FREE	.0055	KG/DAY	.0027	A	DMR RI
	1032	CHROMIUM, HEX-VAL (AS CR)	.0055	KG/DAY	.0047	A	DMR RI
	1034	CHROMIUM, TOTAL (AS CR)	.0055	KG/DAY	.0047	A	DMR RI
	1040	COPPER, DISSOLVED (AS CU)	.0145	KG/DAY	.0167	A	DMR RI
	1042	COPPER, TOTAL (AS CU)	.0255	KG/DAY	.0272	A	DMR RI
	1045	IRON, TOTAL (AS FE)	.0227	KG/DAY	.0236	A	DMR RI
	1046	IRON, DISSOLVED (AS FE)	.0100	KG/DAY	.0110	A	DMR RI
	1049	LEAD, DISSOLVED (AS PB)	.0182	KG/DAY	.0195	A	DMR RI
	1051	LEAD, TOTAL (AS PB)	.0182	KG/DAY	.0195	A	DMR RI
	1065	NICKEL, DISSOLVED (AS NI)	.0373	KG/DAY	.0387	A	DMR RI
	1067	NICKEL, TOTAL (AS NI)	.0400	KG/DAY	.0407	A	DMR RI
003	340	CHEM. OXYGEN DEMAND (COD)	.0386	KG/DAY	.0426	A	DMR RI
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR RI
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR RI
	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
005	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
006	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.

Chris Tranchitella

932620171

ABA000373

N.J.D.E.P. - ATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

ATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

02/11/85 - PAGE 1

TY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

SCRIPTION		LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURCE
DEMAND	(COD)	.0000	KG/DAY	530.5		- UNAVAILABLE -
ENDED,	TOTAL (TSS)	.0000	KG/DAY	90.42		- UNAVAILABLE -
TAL	(AS CR)	.0000	KG/DAY	N/A		- UNAVAILABLE -
	(AS ZN)	.0000	KG/DAY	N/A		- UNAVAILABLE -
ENDED,	TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR REPORTED DATA
SE	(FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR REPORTED DATA
E		.0055	KG/DAY	.0027	A	DMR REPORTED DATA
K-VAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
TAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
OLVED	(AS CU)	.0145	KG/DAY	.0167	A	DMR REPORTED DATA
L	(AS CU)	.0255	KG/DAY	.0272	A	DMR REPORTED DATA
	(AS FE)	.0227	KG/DAY	.0236	A	DMR REPORTED DATA
VED	(AS FE)	.0100	KG/DAY	.0110	A	DMR REPORTED DATA
VED	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
OLVED	(AS NI)	.0373	KG/DAY	.0387	A	DMR REPORTED DATA
	(AS NI)	.0400	KG/DAY	.0407	A	DMR REPORTED DATA
DEMAND	(COD)	.0386	KG/DAY	.0426	A	DMR REPORTED DATA
ENDED,	TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR REPORTED DATA
SE	(FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR REPORTED DATA
DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ENDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ENDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
NDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.

Chris Franchitti 3/6/85

ABA000374

932620172

FOLBR05 - REPORT

N.J.D.E.P. - WATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

CATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

NJPDES : 0020443 FACILITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

PIPE	PARM. NO.	PARAMETER DESCRIPTION	LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURC
001	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY	530.5		- UN
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY	90.42		- UN
	1034	CHROMIUM, TOTAL (AS CR)	.0000	KG/DAY	N/A		- UN
	1092	ZINC, TOTAL (AS ZN)	.0000	KG/DAY	N/A		- UN
002	530	SOLIDS, SUSPENDED, TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR R
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR R
	722	CYANIDE, FREE	.0055	KG/DAY	.0027	A	DMR R
	1032	CHROMIUM, HEX-VAL (AS CR)	.0055	KG/DAY	.0047	A	DMR R
	1034	CHROMIUM, TOTAL (AS CR)	.0055	KG/DAY	.0047	A	DMR R
	1040	COPPER, DISSOLVED (AS CU)	.0145	KG/DAY	.0167	A	DMR R
	1042	COPPER, TOTAL (AS CU)	.0255	KG/DAY	.0272	A	DMR R
	1045	IRON, TOTAL (AS FE)	.0227	KG/DAY	.0236	A	DMR R
	1046	IRON, DISSOLVED (AS FE)	.0100	KG/DAY	.0110	A	DMR R
	1049	LEAD, DISSOLVED (AS PB)	.0182	KG/DAY	.0195	A	DMR R
	1051	LEAD, TOTAL (AS PB)	.0182	KG/DAY	.0195	A	DMR R
	1065	NICKEL, DISSOLVED (AS NI)	.0373	KG/DAY	.0387	A	DMR R
	1067	NICKEL, TOTAL (AS NI)	.0400	KG/DAY	.0407	A	DMR R
503	340	CHEM. OXYGEN DEMAND (COD)	.0386	KG/DAY	.0426	A	DMR R
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR R
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR R
[illegible]	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
505	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
506	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.

Chris Trandatti

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N.J.D.E.P. WATER RESOURCES DIV. - WATER QUALITY MA..GEMENT ELEMENT

CATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

02/11/85 - PAGE 1

ITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

ESCRIPTION		LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURCE
N DEMAND	(COD)	.0000	KG/DAY	530.5		- UNAVAILABLE -
ENDED.	TOTAL (TSS)	.0000	KG/DAY	90.42		- UNAVAILABLE -
OTAL	(AS CR)	.0000	KG/DAY	N/A		- UNAVAILABLE -
	(AS ZN)	.0000	KG/DAY	N/A		- UNAVAILABLE -
ENDED.	TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR REPORTED DATA
ISE	(FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR REPORTED DATA
EE		.0055	KG/DAY	.0027	A	DMR REPORTED DATA
EX-VAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
OTAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
SOLVED	(AS CU)	.0145	KG/DAY	.0167	A	DMR REPORTED DATA
AL	(AS CU)	.0255	KG/DAY	.0272	A	DMR REPORTED DATA
	(AS FE)	.0227	KG/DAY	.0236	A	DMR REPORTED DATA
VED	(AS FE)	.0100	KG/DAY	.0110	A	DMR REPORTED DATA
VED	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
SOLVED	(AS NI)	.0373	KG/DAY	.0387	A	DMR REPORTED DATA
AL	(AS NI)	.0400	KG/DAY	.0407	A	DMR REPORTED DATA
L DEMAND	(COD)	.0386	KG/DAY	.0426	A	DMR REPORTED DATA
ENDED.	TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR REPORTED DATA
ISE	(FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR REPORTED DATA
L DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.

Chris Tranchitti 3/6/85

ABA000376 932620174

FOLBROS - REPORT

N.J.D.E.P. - WATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

CATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

NJPDES : 0020443 FACILITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

PIPE	PARM. NO.	PARAMETER DESCRIPTION	LOADING	UNITS	1983 AT&T	SOURCE CODE	SOUR
001	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY	530.5		- U
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY	90.42		- U
	1034	CHROMIUM, TOTAL (AS CR)	.0000	KG/DAY	N/A		- U
	1092	ZINC, TOTAL (AS ZN)	.0000	KG/DAY	N/A		- U
002	530	SOLIDS, SUSPENDED, TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR
	722	CYANIDE, FREE	.0055	KG/DAY	.0027	A	DMR
	1032	CHROMIUM, HEX-VAL (AS CR)	.0055	KG/DAY	.0047	A	DMR
	1034	CHROMIUM, TOTAL (AS CR)	.0055	KG/DAY	.0047	A	DMR
	1040	COPPER, DISSOLVED (AS CU)	.0145	KG/DAY	.0167	A	DMR
	1042	COPPER, TOTAL (AS CU)	.0255	KG/DAY	.0272	A	DMR
	1045	IRON, TOTAL (AS FE)	.0227	KG/DAY	.0236	A	DMR
	1046	IRON, DISSOLVED (AS FE)	.0100	KG/DAY	.0110	A	DMR
	1049	LEAD, DISSOLVED (AS PB)	.0182	KG/DAY	.0195	A	DMR
	1051	LEAD, TOTAL (AS PB)	.0182	KG/DAY	.0195	A	DMR
	1065	NICKEL, DISSOLVED (AS NI)	.0373	KG/DAY	.0387	A	DMR
	1067	NICKEL, TOTAL (AS NI)	.0400	KG/DAY	.0407	A	DMR
503	340	CHEM. OXYGEN DEMAND (COD)	.0386	KG/DAY	.0426	A	DMR
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR
	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
505	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
506	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.

Chris Franchetti

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N.J.D.E.P. - WATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

.ATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE. BY PARM WITHIN EACH NJPDES FACILITY

02/11/85 - PAGE 1

'TY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

ESCRIPTION		LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURCE
I DEMAND	(COD)	.0000	KG/DAY	530.5		- UNAVAILABLE -
'ENDED.	TOTAL (TSS)	.0000	KG/DAY	90.42		- UNAVAILABLE -
ITAL	(AS CR)	.0000	KG/DAY	N/A		- UNAVAILABLE -
	(AS ZN)	.0000	KG/DAY	N/A		- UNAVAILABLE -
'ENDED.	TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR REPORTED DATA
ISE	(FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR REPORTED DATA
E		.0055	KG/DAY	.0027	A	DMR REPORTED DATA
X-VAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
ITAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
SOLVED	(AS CU)	.0145	KG/DAY	.0167	A	DMR REPORTED DATA
IL	(AS CU)	.0255	KG/DAY	.0272	A	DMR REPORTED DATA
	(AS FE)	.0227	KG/DAY	.0235	A	DMR REPORTED DATA
.VED	(AS FE)	.0100	KG/DAY	.0110	A	DMR REPORTED DATA
.VED	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
SOLVED	(AS NI)	.0373	KG/DAY	.0387	A	DMR REPORTED DATA
IL	(AS NI)	.0400	KG/DAY	.0407	A	DMR REPORTED DATA
I DEMAND	(COD)	.0386	KG/DAY	.0426	A	DMR REPORTED DATA
'ENDED.	TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR REPORTED DATA
ISE	(FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR REPORTED DATA
I DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
'ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ISE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
I DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
'ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ISE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
I DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
'ENDED.	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
ISE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.

Chris Iravchetti 3/6/85

ABA000378

FOLBROS - EPORT

N.J.D.E.P. - WATER RESOURCES DIV. - WATER QUALITY MANAGEMENT ELEMENT

CATEGORY R FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

NJPDES : 0020443 FACILITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

PIPE	PARM. NO.	PARAMETER DESCRIPTION	LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURC
001	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY	530.5		- UN
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY	90.42		- UN
	1034	CHROMIUM, TOTAL (AS CR)	.0000	KG/DAY	N/A		- UN
	1092	ZINC, TOTAL (AS ZN)	.0000	KG/DAY	N/A		- UN
002	530	SOLIDS, SUSPENDED, TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR R
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR R
	722	CYANIDE, FREE	.0055	KG/DAY	.0027	A	DMR R
	1032	CHROMIUM, HEX-VAL (AS CR)	.0055	KG/DAY	.0047	A	DMR R
	1034	CHROMIUM, TOTAL (AS CR)	.0055	KG/DAY	.0047	A	DMR R
	1040	COPPER, DISSOLVED (AS CU)	.0145	KG/DAY	.0167	A	DMR R
	1042	COPPER, TOTAL (AS CU)	.0255	KG/DAY	.0272	A	DMR R
	1045	IRON, TOTAL (AS FE)	.0227	KG/DAY	.0236	A	DMR R
	1046	IRON, DISSOLVED (AS FE)	.0100	KG/DAY	.0110	A	DMR R
	1049	LEAD, DISSOLVED (AS PB)	.0182	KG/DAY	.0195	A	DMR R
	1051	LEAD, TOTAL (AS PB)	.0182	KG/DAY	.0195	A	DMR R
	1065	NICKEL, DISSOLVED (AS NI)	.0373	KG/DAY	.0387	A	DMR R
	1067	NICKEL, TOTAL (AS NI)	.0400	KG/DAY	.0407	A	DMR R
003	340	CHEM. OXYGEN DEMAND (COD)	.0386	KG/DAY	.0426	A	DMR R
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR R
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR R
[illegible]	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
005	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.
006	340	CHEM. OXYGEN DEMAND (COD)	.0000	KG/DAY		C	CONC.
	530	SOLIDS, SUSPENDED, TOTAL (TSS)	.0000	KG/DAY		C	CONC.
	556	OIL AND GREASE (FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC.

Chris Tranchitella

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CATEGORY B FEE DEVELOPMENT - LOADINGS OF ALL NUMERICALLY LIMITED PARMS
SORTED BY PIPE, BY PARM WITHIN EACH NJPDES FACILITY

LITY : ~~WESTERN ELECTRIC COMPANY~~ AT&T TECHNOLOGIES

DESCRIPTION		LOADING	UNITS	1983 AT&T	SOURCE CODE	SOURCE
EN DEMAND	(COD)	.0000	KG/DAY	530.5		- UNAVAILABLE -
SPENDED,	TOTAL (TSS)	.0000	KG/DAY	90.42		- UNAVAILABLE -
TOTAL	(AS CR)	.0000	KG/DAY	N/A		- UNAVAILABLE -
	(AS ZN)	.0000	KG/DAY	N/A		- UNAVAILABLE -
SPENDED,	TOTAL (TSS)	2.0909	KG/DAY	2,100	A	DMR REPORTED DATA
EASE	(FREON EXT-GRAV MET)	.5224	KG/DAY	.5475	A	DMR REPORTED DATA
REE		.0055	KG/DAY	.0027	A	DMR REPORTED DATA
HEX-VAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
TOTAL	(AS CR)	.0055	KG/DAY	.0047	A	DMR REPORTED DATA
SSOLVED	(AS CU)	.0145	KG/DAY	.0167	A	DMR REPORTED DATA
TAL	(AS CU)	.0255	KG/DAY	.0292	A	DMR REPORTED DATA
L	(AS FE)	.0227	KG/DAY	.0235	A	DMR REPORTED DATA
OLVED	(AS FE)	.0100	KG/DAY	.0110	A	DMR REPORTED DATA
OLVED	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
L	(AS PB)	.0182	KG/DAY	.0195	A	DMR REPORTED DATA
SSOLVED	(AS NI)	.0373	KG/DAY	.0387	A	DMR REPORTED DATA
TAL	(AS NI)	.0400	KG/DAY	.0407	A	DMR REPORTED DATA
EN DEMAND	(COD)	.0386	KG/DAY	.0426	A	DMR REPORTED DATA
SPENDED,	TOTAL (TSS)	.0114	KG/DAY	.0124	A	DMR REPORTED DATA
EASE	(FREON EXT-GRAV MET)	.0023	KG/DAY	.0021	A	DMR REPORTED DATA
EN DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SPENDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
EASE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
EN DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SPENDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
EASE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
EN DEMAND	(COD)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
SPENDED,	TOTAL (TSS)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.
EASE	(FREON EXT-GRAV MET)	.0000	KG/DAY		C	CONC. LIMIT & FLOW REPTD.

Chris Tranchitto 3/6/85

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Affidavit of Exemption
from the
New Jersey Pollutant
Discharge Elimination System Permit
NJPDES # 0020443

State of New Jersey)ss:
County of Hudson)

AT&T Technologies Inc.,100 Central Avenue, Kearny, N.J., being sworn, state

1. I am * R. B. Butterfield Jr, General Manager
(Title and Position)
of AT&T Technologies, Inc. Kearny Works
(Name of Company)

2. I have personal knowledge of the facts set forth herein.

3. NJPDES Permit No. 0020443, issued on 7/1/79, and administratively extended past 6/30/81, authorized the following "discharge" of "pollutants" to the waters of the State of New Jersey from AT&T Technologies, Inc. Kearny Works.

(Check appropriate type of discharge(s)).

___ Surface water/Municipal
_X_ Surface water/Industrial
___ Surface water/Thermal
___ Land application of sludge & septage
___ Land application/Industrial Waste residue
___ Landfill - Industrial/ Commercial
___ Landfill - Municipal
___ Spray Irrigation - Industrial/Commercial
___ Spray Irrigation/Domestic
___ Overland Flow - Industrial/Commercial
___ Rapid Infiltration - Industrial/Commercial
___ Rapid Infiltration
___ Surface Impoundment - Industrial/Commercial
___ Surface Impoundment/Domestic
___ Underground Injection - Industrial/Commercial
___ Underground Injection/Domestic
___ Significant Industrial User
___ Individual Subsurface Sewage Disposal - Industrial/Commercial
___ Individual Subsurface Sewage Disposal - Community
___ Overland Flow/Domestic
___ Rapid Infiltration
___ Surface Impoundment/Domestic
___ Underground Injection/Domestic

Other - Describe _____

These terms are as defined in Section 3 of the New Jersey "Water Pollution Control Act" N.J.S.A. 58:10A-1 et seq. and the New Jersey Pollutant Discharge Elimination System Regulations, N.J.A.C 7:14A-1 et seq.

* Signatory must be the person responsible under N.J.A.C. 7:14A-2.4(b).

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4. AT&T Technologies, Inc., Kearny Works, will no longer be discharging pollutants to the waters of the State as described in No. 3 above, effective on or before December 31, 1985.

5. _____ is no longer discharging wastes because of the following:

___ Facility has been closed
___ Connection to sewerage authority
___ In-plant recycling
___ Other - describe _____

_____

6. I understand that NJPDES permit fees are payable until the date the Department receives this affidavit.

7. I understand that it is a violation of the "Water Pollution Control Act" N.J.S.A. 58:10A-1 et seq. to discharge pollutants except in conformity with a NJPDES permit and that I may be subject to significant civil/criminal penalties for said violation.

R B Butterfield Jr
(Signature)

R. B. Butterfield, Jr.
(Type Name)

Sworn to and signed in my presence this 28th day of June, 19 85.

Helen J. Hazeldine
(Signature)

(Seal)

Notary Public in and for the County of Union, State of New Jersey.

BE ON NOTICE THAT any person who knowingly makes a false statement, representation, or certification in any application, record, or other document filed or required to be maintained under the Water Pollution Control Act... shall, upon conviction, be subject to a fine of not more than $10,000.00 or by imprisonment for not more than 6 months, or both.

A copy of this affadavit shall be kept on the premises and be available for inspection by the Department.

WQM7-H/L:lml

Affidavit Submitted to:
Mr. Herman Adelman, NJDEP

Copy to:
Mr. Flavian Stellerine, NJDEP

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LUCENT TECHNOLOGIES, INC.

TAB B

February 14, 1997 Response of River Terminal Development Company to the USEPA's Request for Information Under 42 USC §9601 et seq. - Diamond Alkali Superfund Site, Passaic River Study Area. Confirm certain corporate information and provides certain drawings showing process and sewer interconnections and discharge outfalls to the river. Also documents site contaminants found in groundwater.

932620182

LOWENSTEIN, SANDLER, KOHL, FISHER & BOYLAN

A PROFESSIONAL CORPORATION

COUNSELLORS AT LAW

65 LIVINGSTON AVENUE

ROSELAND, NEW JERSEY

07068-1791

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MICHELE C. MEYER-SHIPP
SUSAN J. SCHLECK
NEIL P. HORNE
JACQUELINE C. ROMERO
ERIC DAVID WEINSTOCK
ELI S. GOLDBERG
MICHAEL T. HUGHES

*PA BAR ONLY

February 14, 1997

VIA FIRST CLASS MAIL

Mr. Pat Evangelista
Emergency & Remedial Response Division
USEPA
290 Broadway, 19th Floor
New York, New York 10007-1866

Re: River Terminal Development Company, South Kearny
Request for Information Under 42 USC §9601 et seq.
Diamond Alkali Superfund Site, Passaic River Study Area

Dear Mr. Evangelista:

Enclosed please find River Terminal Development Company's Response to the USEPA's Request for Information dated December 24, 1996. Pursuant to agreement with the Agency, this response is being mailed on February 14, 1997. In addition, Exhibit G has not been included in this Response but will be forwarded to the Agency shortly.

As requested by the USEPA in its letter of December 24, 1996, a copy of this Response is also being forwarded to Ms. Amelia Wagner, Assistant Regional Counsel.

However, due to the substantial burden and expense of copying the numerous exhibits attached hereto, we are submitting only one set of exhibits to your office. By copy of this letter we respectfully refer the Office of Regional Counsel to your office for copies of Exhibits A through S.

Very truly yours,

Andrea L. Wolff

ALW:lar
Enclosure
cc: Ms. Amelia Wagner

RIVER TERMINAL DEVELOPMENT COMPANY
RESPONSE TO THE USEPA'S
CERCLA 104(e) REQUEST DATED DECEMBER 24, 1996

GENERAL OBJECTIONS AND EXPLANATORY MATERIAL

A. River Terminal Development Company (the "Company") objects to the information request to the extent it is overly broad, or seeks ancient or otherwise irrelevant information, the production of which is unduly burdensome and the value of which is minimal given the United States Environmental Protection Agency's (the "Agency" or "USEPA") authority under CERCLA §104(e)(1) to obtain information only "for the purposes of determining the need for response, or choosing or taking any response action under this subchapter or otherwise enforcing the provisions of the subchapter".

B. The Company objects to the information request to the extent it requires production of information or documents which contain confidential business information, attorney work product or which are covered by the attorney-client privilege.

C. Pursuant to agreement reached with the Agency (see letter attached hereto as Exhibit A), the Company is mailing this response to the Request for Information on or before February 14, 1997.

D. In a good faith effort to respond as completely as possible to the information request without imposing an undue burden on the Company, the Company has attached hereto as Exhibit B, an index given to the Company by prior owners listing drawings related to the former Western Electric facility (references to drawings related to other facilities of the prior owners have been redacted). The Company possesses some of the indexed drawings which were also provided by prior owners of the facility. After diligent review of the available indexed drawings, the Company has determined that Exhibits D through P, attached hereto, are the most comprehensive maps, blueprints and diagrams directly responsive to this request. The Company has not produced the remainder of the available indexed drawings as such production would be unduly burdensome and duplicative. The Company reserves the right to amend its response to this request in the event the EPA requests additional drawings listed in the index or otherwise identified in the Exhibits attached hereto, provided the requested drawing is in the possession of the Company.

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RESPONSES

1) If your company did or does business under more than one name, list each name.

River Terminal Development Company also conducts business under the name RTC Properties, Inc., and previously conducted business under the name Union Minerals and Alloys Corp. Union Minerals and Alloys Corp. changed its name to RTC Properties, Inc. in or about August 1988.

a) State the legal name of your company.

RTC Properties, Inc.

b) How long has your company operated at the facility designated above?

The Company has operated at the facility located at 100 Central Avenue in Kearny, New Jersey since acquiring title in or about July of 1985.

c) Please state the relationship between your company, RTC Properties, Inc., and Union Minerals and Alloys Corp.

The legal name of the Company is RTC Properties, Inc. which conducts business under the name River Terminal Development Company. In or about August 1988, Union Minerals and Alloys Corp. changed its name to RTC Properties, Inc.

2) Provide all information, including, but not limited to maps, blueprints, and diagrams that demonstrates the location on the site of:

a) process, generating or manufacturing facilities;

The Company objects to this request on the ground that it is vague, overly broad and unduly burdensome and the terms "process, generating or manufacturing facilities" are undefined, vague and ambiguous. Without waiving the aforementioned objection, the Company currently uses Building 75 as a garage for the maintenance and repair of trucks and other vehicles. The area outside Building 75 is used as a gasoline and diesel fueling area. Waste oils associated with this operation are disposed of

off-site pursuant to New Jersey State regulations. The location of Building 75 is depicted in Exhibit D.

The Company further states that the Company leases lots, buildings and structures at the facility to tenants whose primary uses are warehousing, distribution and offices. Currently, one tenant, MJM, located in Building 89 as depicted in Exhibit D, manufactures decorative concrete structures.

Exhibit D was provided to the Company by prior owners of the facility, but reflects the current location of Buildings 75 and 89.

The prior locations of process, generating or manufacturing facilities are discussed and depicted in the Amended Environmental Cleanup Plan, July 1985 (the "Cleanup Plan"), attached hereto as Exhibit Q, prepared and submitted to the New Jersey Department of Environmental Protection ("NJDEP") by or on behalf of AT&T Technologies, Inc. pursuant to ISRA, Case Number E84025. Prior uses of the buildings at the site by prior owners are listed in Exhibit C.

b) floor drains or other disposal drains in those facilities;

See the Company's response to request no. 2(a). The general piping of Building 75 is depicted in Exhibit N. The oil/gas separator depicted in drawing no. 195-3844, attached hereto as Exhibit N, is not used by the Company; the trenches and floor drains, except those located in the car wash area, have been sealed. The drains located in the car wash area are connected to the sanitary sewer.

After diligent inquiry, the Company has not discovered any floor drains in Building 89 and is not aware of any maps, blueprints or diagrams or other information demonstrating the location of floor drains and disposal drains located in Building 89.

The prior location of floor drains and other disposal drains in process, generating or manufacturing facilities previously located at the site are depicted in Exhibits D, E and F and are discussed in the Cleanup Plan attached hereto as Exhibit Q.

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c) waste water collection, transport, and disposal systems, including any waste water treatment facilities, if any;

The Company objects to this request on the grounds that it is overly broad and the terms "waste water collection, transport and disposal systems" are undefined vague and ambiguous. Without waiving the aforementioned objections, the Company states that currently there are no waste water collection, transport and disposal systems, as it understands those terms, in use at the facility.

The prior location of a waste treatment plant is discussed in Appendix C of the Cleanup Plan attached hereto as Exhibit Q, and is depicted as Building 186 in various site maps attached thereto. Building 186 has been partially demolished.

d) any catch basins or lagoons;

The Company objects to this request on the ground that the terms "catch basins" and "lagoons" are undefined vague and ambiguous. Without waiving the aforementioned objection the Company states that the current approximate location of catch basins for collecting storm water runoff are depicted in Exhibit G which will be provided at a later date.

Drawings provided by prior owners illustrating the design and/or location of catch basins at the facility are attached hereto as Exhibits D-F, H-J and P.

e) the sanitary sewer system, including any connections between the process or waste water treatment systems at the site and the sanitary sewer system;

The Company objects to this request on the grounds that the terms "process" and "waste water treatment systems" are undefined, vague and ambiguous. Without waiving this objection, the Company states that currently, there are no process or waste water treatment systems, as it understands those terms, in use at the facility.

The sanitary sewer system is depicted in drawing no. 195-1876B, attached hereto as Exhibit E. The attached drawing was provided by prior owners of the facility, but

after diligent inquiry, the Company believes the drawing accurately depicts the general configuration of the sanitary sewer system as it currently exists at the facility. After diligent inquiry, the Company has not discovered any maps, blueprints or diagrams depicting, or information regarding current connections to the sanitary sewer system.

Additional drawings provided by prior owners illustrating the sanitary sewer system at the facility are attached hereto as Exhibits D, F, H, I and K-P. The waste treatment plant used by prior owners of the facility is discussed in Appendix C of the Cleanup Plan attached hereto as Exhibit Q, and is depicted in various site maps attached thereto.

f) the storm sewer system;

The storm sewer system is depicted in drawing no. 195-1876A, attached hereto as Exhibit D. The attached drawing was provided by prior owners of the facility, but after diligent inquiry, the Company believes the drawing accurately depicts the general configuration of the storm sewer system as it currently exists at the facility.

Additional drawings provided by prior owners illustrating the storm sewer system at the facility are attached hereto as Exhibits E, F and H-P.

g) any connections between the process or waste water treatment systems at the site and the Passaic River; and

The Company objects to this request on the ground that the terms "process" and "waste water treatment systems" are undefined, vague and ambiguous. Without waiving this objection, the Company states that currently, there are no process or waste water treatment systems in use at the facility.

The waste treatment plant used by prior owners of the facility is discussed in Appendix C of the Cleanup Plan attached hereto as Exhibit Q, and is depicted in various site maps attached thereto.

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h) provide any information that you may have obtained from prior owners or operators of this site, including but not limited to maps, blueprints, and diagrams that demonstrate the prior locations on the site of a) - g) above.

See General Objections and Explanatory Material, D. The Company objects to this request on the grounds that it is overly broad and unduly burdensome. Without waiving the aforementioned objection, the Company states that maps, blueprints, and diagrams received from prior owners or operators of the facility that demonstrate prior locations of a) through g) above are discussed in a) through g) above and are listed in the attached Index of Drawings.

3) Please provide information on the installation, location and use of all outfalls, permitted or unpermitted, that are currently or were formerly used at the facility.

The Company objects to this request on the grounds that the term "outfall" is undefined, vague and ambiguous. Without waiving the aforementioned objection, the Company states that outfalls, as it understands this term, for storm water runoff are depicted in Exhibits D and E.

Exhibits D and E were provided by prior owners of the facility, but after diligent inquiry, the Company believes the drawings accurately depict the location of storm water outfalls as they currently exist at the facility.

Additional drawings provided by prior owners relating to outfalls at the facility are attached hereto as Exhibits I, J and O.

a) Please indicate which are currently in use and which, if any, have been removed or closed, and, if so, how and when.

Based on diligent inquiry, the Company states that the outfalls depicted in Exhibits D and E for storm water runoff are currently in use and the Company has not discovered and is not aware of any information or documents relating to the removal or closure of any outfalls.

b) Provide copies of any diagrams, maps, drawings, plans, or specifications that describe the outfalls.

See the Company's response to request 3.

4) a) Please provide all documents containing the results of any sampling of the soil, water, air or other media at the Site performed by your company or performed by another entity, but which is in your possession. Include any data relating to any on-site waste water system, the sanitary or storm sewer system, outfalls to the Passaic River, and/or the Passaic River.

The Company objects to this request on the grounds that it is overly broad and unduly burdensome. Without waiving the aforementioned objection, the Company states that sampling of soil, groundwater and other media at the facility was conducted on behalf of AT&T Technologies, Inc. and/or Lucent Technologies, Incorporated pursuant to ISRA Case No. E84025. Sampling results are contained in the Cleanup Plan, attached hereto as Exhibit Q and the Results of the June 1996 Groundwater Sampling Event and Evaluation of Groundwater Conditions, attached hereto as Exhibit R.

On information and belief, documents containing the results of sampling of the soil, water, air or other media at the facility, may be in the possession of the New Jersey Department of Environmental Protection and Lucent Technologies, Incorporated 131 Morristown Road, Basking Ridge, New Jersey 07920.

b) Please provide the results of any sampling of the soil, water, air or other media performed for or by NJDEP.

See the Company's response to request 4(a).

5) a) From whom did your company purchase the property and in what year? If your company subsequently sold the property, to whom did your company sell it and in what year? Please provide copies of any deeds and documents of sale.

The Company objects to this request on the ground that it is overly broad and seeks information not related to "the purpose of determining the need for response, or choosing or taking any response action" or otherwise enforcing CERCLA, 42 U.S.C. 9601 et seq. Without waiving and subject to the aforementioned objection, the Company purchased the property from AT&T

Technologies, Inc. in 1985, pursuant to deed dated July 29, 1985 and Agreement of Sale dated April 16, 1984 and subsequent Amendments, attached hereto as Exhibit S.

Business and other information not related to the scope of inquiry under CERCLA § 9604 are excluded from the Agreement and the Amendments. Certain amendments to the April 16, 1984 Agreement of Sale unrelated to the scope of inquiry under CERCLA § 9604 are also excluded from this response.

b) To the extent that you know, please provide the names of all parties who owned or operated the facility during the period from 1925 through the present. Describe the relationship, if any, of each of those parties, with your company.

Based on information and belief, the Company states that Western Electric Company, Inc. and AT&T Technologies, Inc. owned or operated the facility until approximately 1985 when Union Minerals and Alloys Corp. (now known as RTC Properties, Inc.) acquired the property. Western Electric Company, Inc. and AT&T Technologies, Inc. have no relationship with the Company. See the Company's response to request 1(c).

6) Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way in responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

The following persons assisted in the preparation of these responses:

Robert Neu
Vice President Operations
River Terminal Development Company
100 Central Avenue, Building 30, 6th Floor
South Kearny, New Jersey 07032
(201) 589-0063

Mr. Neu has personal knowledge regarding these responses and provided maps, blueprints and diagrams responsive to requests 2-4.

Martin Ytuarte
Executive Vice President
River Terminal Development Company
100 Central Avenue, Building 30, 6th Floor
South Kearny, New Jersey 07032
(201) 589-0063

Mr. Ytuarte has personal knowledge regarding these responses and provided documents responsive to request nos. 2-4.

Andrew Feuerstein
Secretary
RTC Properties, Inc.
79 Fifth Avenue
Suite 1800
New York, New York 10003
(212) 604-0710

Mr. Feuerstein provided documents responsive to request no. 5 and has personal knowledge regarding responses 1 and 5(a).

Attorneys at Lowenstein Sandler, including Michael L. Rodburg and Andrea L. Wolff (65 Livingston Avenue, Roseland, New Jersey 07068, (201) 992-8700) assisted in the preparation of these responses and have no personal knowledge of the responses in this document.

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CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey :

County of Hudson :

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

RTC PROPERTIES, INC.

By: Martin F. Ytuarte

NAME (print or type)

Executive Vice President

TITLE (print or type)

By Martin F. Ytuarte

SIGNATURE

Sworn to before me this
day of FEB. 13TH , 1997

Notary Public

CAROLYN BURTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 14, 1998

ABA000087

02/12/970336565 01

932620194

LIST OF EXHIBITS

EXHIBIT A

Letter to EPA dated January 22, 1997 extending time to respond

EXHIBIT B

Index of Drawings provided by prior owners

EXHIBIT C

Prior uses of buildings located at the former Western Electric facility

EXHIBIT D

Drawing No. 195-1876A, Plot Plan of Storm Water Mains

EXHIBIT E

Drawing No. 195-1876B, Plot Plan of Storm Water Mains & Sanitary Sewers

EXHIBIT F

1) Drawing No. 195-1876, Plot Plan of Storm Water Mains & Sanitary Sewers (Superseded)

EXHIBIT G

Drawing No. 195-1876A with notations indicating approximate location of new catch basins installed by River Terminal Development Company (to be provided)

EXHIBIT H (Yards)

1) Drawing No. 195-1364, Storm Water Main for Road and Yard Drainage, South Yard
2) Drawing No. 195-1368, Storm Water Mains and Sanitary Sewer, North Yard
3) Drawing No. 195-55640, Outside Underground Piping Plan, Yard
4) Drawing No. 195-55642, Underground Piping & Details, Yard
5) Drawing No. 195-5142, Cable Reel Storage Yard Paving, Building 11, Yard

EXHIBIT I (Central Avenue Improvement)

1) Drawing No. 195-1631, Central Ave. Improvement Storm Water Drain & Sanitary Sewer, Plan and Profile
2) Drawing No. 195-1632, Central Ave. Improvement Storm Water Drain & Sanitary Sewer, Plan and Profile
3) Drawing No. 195-1633, Central Ave. Improvement Storm Water Drain & Sanitary Sewer, Structural Details
4) Drawing No. 195-1634, Central Ave. Improvement Storm Water Drain & Sanitary Sewer, Structural Details

EXHIBIT J (Parking Lots)

1) Drawing No. 195-3410, Parking Lots, Paving & Drainage Layout
2) Drawing No. 195-3411, Parking Lots, Manholes & Misc. Details

EXHIBIT K (Buildings 11-15)

1) Drawing No. 195-101, General Basement Piping Layout, Buildings 11 & 12
2) Drawing No. 195-102, General Basement Piping Layout, Buildings 10, 13, 14 & 15
3) Drawing No. 105-135, Arrangement and Details of 36" Storm Water Piping and Outlet, Buildings 12, 13, 14, 15

EXHIBIT L (Buildings 16, 17, Group 20, Group 30, 32, 33, 35, 39 and 40)

1) Drawing No. 195-668, Plumbing Pipes in Tunnel No. 3, Buildings 17-20
2) Drawing No. 195-669, Arrangement of Stormwater Main, Buildings 16, 17 West Half of Group 20
3) Drawing No. 195-670, Arrangement of Stormwater Main, East Half of Group 20 and Group 30
4) Drawing No. 195-705, Details of Storm Water Main, Buildings 16, 17, Groups 20 and 30
5) Drawing No. 195-665, Arrangement and Details of Sump Pumps, Building 17, 20 and 30
6) Drawing No. 195-695, Arrangement & Details of Sump Pumps, Buildings 17, 20 and 30
7) Drawing No. 195-1103, General Arrangement of Sump Pump, Building 33
8) Drawing No. 195-702, Plumbing Pipes in Basement, Buildings 30-31, 32 & 35 W
9) Drawing No. 195-1100, Basement Piping General Arrangement, Buildings 30, 32, 33, 35 & 39
10) Drawing No. 195-58248, General Piping Plan, Building 40

EXHIBIT M (Buildings 71 & 72)

Drawing 195-1557, General Piping Plan, Buildings 71 & 72

EXHIBIT N (Building 75)

1) Drawing No. 195-3835, Pile and Location Plan, Building 75
2) Drawing No. 195-3844, General Piping and Ventilation, Building 75

EXHIBIT O (Building 85)

1) Drawing No. 195-1440, 36" Diam. Storm Sewer, Plan, Sections and Details, Building 85
2) Drawing No. 195-1441, General Piping Plan, Sections and Details of Connection for Building 85
3) Drawing No. 195-1442, General Piping Plan, Sections and Details, Tunnel Between Buildings 80 & 85
4) Drawing No. 195-1443, General Piping, Plan Sections and Details, Building 85

EXHIBIT P (Buildings 170 and 171)

1) Drawing No. 195-3582, New Manhole & Sanitary Sewer Main, Building 170 South
2) Drawing No. EPK-25107, Storm and Sanitary Drainage, Building 170
3) Drawing No. 195-5107, Relocated Storm Water Sewer & Drains - South Site, Building 170
4) Drawing No. EPK-2728, New Manhole & Sanitary Sewer Pipe, Building 170 South
5) Drawing No. 195-55740, Underground Piping Plan & Details, Building 171

EXHIBIT Q

Amended Environmental Clean-up Plan, Kearny Works, AT&T Technologies, Inc., July 1985.

EXHIBIT R

Results of the June 1996 Groundwater Sampling Event and Evaluation of Groundwater Conditions, August 1996.

EXHIBIT S (Documents of Sale)

1) Agreement for the Sale and Purchase of Real Estate dated April 16, 1984
2) February 11, 1985 Amendment to Purchase Agreement
3) June 28, 1985 Amendment to Purchase Agreement
4) July 24, 1985 Amendment to Purchase Agreement and attached July 8, 1985 letter from NJDEP
5) Two letters from AT&T to Union Minerals and Alloys Corp. dated July 29, 1985.
6) Deed from AT&T Technologies, Inc. to Union Minerals and Alloys Corp. dated July 29, 1985
7) Bill of Sale dated July 29, 1985

LOWENSTEIN, SANDLER, KOHL, FISHER & BOYLAN

A PROFESSIONAL CORPORATION

COUNSELLORS AT LAW

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*PA BAR ONLY

January 22, 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 915 180 083

Ms. Amelia Wagner
Assistant Regional Counsel
Office of Regional Counsel
U. S. Environmental Protection Agency
Region II
290 Broadway, 17th Floor
New York, NY 10007-1866

Re: River Terminal Development Company, South Kearny
Request for Information Under 42 U.S.C. §9601 *et. seq*
Diamond Alkali Superfund Site, Passaic River Study Area

Dear Ms. Wagner:

Pursuant to our telephone conversation of Wednesday, January 22, 1997, this letter will confirm that the time within which River Terminal Development Company must respond to the above-referenced request for information from the United States Environmental Protection Agency, dated December 24, 1996, has been extended. The response must be post-marked on or before February 14, 1997.

Your courtesies in this regard are greatly appreciated.

Very truly yours,

Andrea L. Wolff

932620198

Exhibit B

195-85 Power, Telephone, Sprinkler Alarm & Comb. Night Watch & Fire Alarm Layout Bldg. 10, 13, 14, & 15. - 1st. floor - Kearny

-86 Power, Telephone, Sprinkler Alarm & Comb. Night Watch & Fire Alarm Layout Bldg. 11 & 12 - Basement - Kearny

-87 Power, Telephone, Sprinkler Alarm & Comb. Night Watch & Fire Alarm Layout Bldg. 10, 13, 14, & 15 - Basement - Kearny

-88 Sections & Details - Power, Tele., Spr. Alarm & Comb. N.W. & F A layout Bldg. 10, 11, 12, 13, 14, & 15 - Basement 1st. flr., Mezz. Kearny.

-89 Steel Cabinet For #1-A Power Board - Typical

-90 Brackets for Outside lighting Fixtures - Typical

-91 Panel Board #1-A, 3 phase Power Feeder Panel - C.I. Hanger for 250,000 C.M. Cable.

-92 3 Phase, 100 Amp F Box #2-A Panel Board - 3 Phase Light Feeder Panel, Typical

-93 Mounting Base For Fire Alarm Box & Clamps for Supporting 250,000 C.M.L.C. Cable.

-94 Steel Cabinet for #2-A Panel Board - Typical

-95 115 Volt D.C. Panel Board & Cabinet for 23Kva lighting Transformers

-96 Elevator Safety Switch Bldg. 11 - First Floor - Kearny

-97 Detail & Framing for Openings for Tape Armoring Maching Capstan, Bldg. 10 Kearny

-98

-99

-100 Plot Plan Kearny Works (Obsolete: see 195-1701)

-101 General Basement Piping Layout for Bldg. 11 & 12 - Kearny

-102 General Basement Piping Layout for Bldg. 10, 13, 14, & 15 Kearny

-103 Plan & Details of Tunnel Piping and Racks - Bldg. 11 & 12. Kearny

-104 General Hot Water Heating System - Bldg. 11, & 12. Kearny

-105 General Hot Water Heating System - Bldg. 10, 13, 14, 15 Kearny

-106 Wall Radiation & Pipe Coil Details - Bldg. 10 & 15 Kearny

-107 General Hot Water Heating System Office Mezz. & Vestibule Bldg. 13 Kearny

-108 Details of Radiation Office Mezz. & Vestibule Bldg. 11, 13, 15, Kearny

-109 Monitor Radiation Assembly & Details - Bldg. 11, 12, 13, 14, 15, Kearny

-110 Skylight Radiation & Monitor Radiation - Assembly & Details Bldg. 13 & 15 Ky.

-111 Section of General Heating & Service Piping Bldg. 10 - 15 Kearny

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195-1080 Attic Lighting & Power - 30 Group Extension - Bldgs. 30E, 33 & 35E

1081 Stairwell Lighting - " " " " " " "

1082 Lighting Details - " " " " " " "

1083 Battery Room Installation - Bldg. 30

1084 Transmission Cable Supports, Power, Lighting Feeder, Telephone, Sprinkler Alarm, Night Watch & Fire Alarm - Bldgs. 30E, 35E & 39E.

1085 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 1st Fl. Bldgs. 30, 33, 35.

1086 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 2nd. Fl. Bldgs. 30, 33, 35.

1087 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 3rd Fl. Bldgs. 30, 33, 35.

1088 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 4th Fl. Bldgs. 30, 33, 35.

1089 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 5th Fl. Bldgs. 30, 33, 35.

1090 Lighting Panels, Power, Telephone, Night Watch & Fire Alarm - 6th Fl. Bldgs. 30, 33, 34, 35 & 39E.

1091 Power Details - 30 Group Extension - Bldgs. 30, 33, 35.

1092 Details for Mounting Float Switches on Water Tank 30E.

1093 Cable Transmission - Bldgs. 10 to 15 incl., 16, 17, 20, & 30 Groups

1094 3 Pole 60 Ampere Fuse Box - All Bldgs.

1095 3 Pole 100 Ampere Double Fusebranch Box. - All Bldgs.

1096 Risers on Stairwell Walls - Bldgs. 30E, 33E & 35E

1097 Transformer Enclosure - Bldg. 30, 33, 35.

1098 Transformer Cout-Out Box - 30 Group Ext, & 71, 71A.

1099 Floor Box & Outlet for Telephone & Dictaphone Circuit - Standard.

1100 General Arrangement of Basement Piping - Bldg. 31, 32, 34, 35 & 39.

1101 Sections & Details of Basement Piping - " " " " " "

1102 " " " " " " - " " " " " "

1103 Sump Pump - General Arrangement - Bldgs. 33 & 34.

1104 General Hot Water Heating Plan - 1st Floor - Bldgs. 31, 32, 34, 35 & 39.

1105 General Piping Plan - Bldgs. 31, 32, 34, 35 & 39 - 2nd Floor.

1106 " " " " " " " " " - 3rd "

1107 " " " " " " " " " - 4th "

1108 " " " " " " " " " - 5th "

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195-1340 Installation of Ground Wire for Present City fire alarm Bldg. 80

1341 Track Layout South End Bldg. 16S

1342 Trestle over Tunnel between Bldgs. 80 & 85

1343 General Arrangement Drinking Water in Tunnel Between Bldgs. 17S & 83 and Gas House.

1344 Rearrangement of Desuperheater Piping, Location of Regulator & Bill of Material Basement of Bldg. 81

1345 General Arrangement Gasoline Tanks and Piping Temp. Garage (VOID) Scheme#1

1346 " " " " " " " " Scheme #2 Bldg. 89

1347 Ladders in Pits of Elevators # 3, 5, 10, 11 Bldgs. 17, 21 & 30

1348 Proposed Gutter Around Boilers Bldg. 23

1349 Method of Bracing Gate Near S.E. End of Property

1350 (VOID)

1351 Pavement and Sidewalk Layout

1352 Pavement Details

1353 Pavement Details

1354 Pavement Details

1355 Temporary Wood Partition at Southwest End of Bldg. 80

1356 Detail of Temporary Canopy Over Platform in Bldg. 35E

1357 Sprinkler Layout 1st Fl. Bldg. 13

1358 Distance Piece Between Turbine & Condenser Exm. Nozzles Bldg 81

1359 Method of Installing Stanley Hinge Bldg. 31

1360 Detail of Iron Ladder Between Roofs Bldg. 17 & Bridge

1361 Steam & Air Piping (Trunk Lines- Plot Plan)

1362 Detail of Boat Davits

1363 Details of Rubbish Pit South of Bldg. 15

1364 Storm Water Sewer for Road & Yard Drainage South Yard.

1365 Location & Details of Bench Marks

1366 Platforms Under Fans in Stairwell South End 17N & North End 31

1367 Railing Opening for Wire Netting Walkway for Dearator Platform

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195-1425	Entrance Details	Bldg. 85
1426	Concrete Stair Details	" "
1427	Miscellaneous Iron - Sheet #2	" "
1428	Miscellaneous Iron - Sheet #3	" "
1429	Heater Platforms	" "
1430	Lighting - Basement	" "
1431	Lighting - 1st. & Mezz. Floors	" "
1432	Power, Cable Trans Tel. & Fire Alarm - Bsmt.	"
1433	Power, & Comb. N.W. & F.A. System - 1st. fl.	"
1434	Cable Trans. - Tunnel & Power House	"
1435	Bus Duct Layout & Details - Wire Drawing Machine - Bldg. 85.	
1436	Load Center - Wiring Drawing Machine Power - Basement - Bldg. 85.	
1437	" " " " " " " " " " " .	
1438	Shop Details - Roof Framing Substation - Bldg. 170.	
1439	Wiring Diagram of Switchboard & Power Distribution System - Bldg. 81.	
1440	36" Storm Sewer - Plan Sections & Details - Bldg. 85.	
1441	General Piping Plan - Sections & Details of Connections - Bldg. 85.	
1442	" " " " " " " Tunnel - Bldg. 85.	
1443	" " " " " " " " ".	
1444	General Piping Sections & Details - Basement - Bldg. 85.	
1445	Inserts, Angle Iron & Sleeves - Locations & Details - Bldg. 85.	
1446	General Piping Plan - Sections & Details - 1st. Fl. - Bldg. 85.	
1447	Ventilation - General Arrangement & Details -Bldg. 85.	
1448	Sprinkler Piping Plans - Basement, 1st. Fl. & Mezz. _ Bldg. 85.	
1449	Sprinkler Piping Details, Riser, Wall Hydrants & Monitor Nozzles, Bldg. 85.	
1450	Sprinkler Piping Details & Sections - Bldg. 85.	
1451	Sump Pump General Arrangement & Details - Basement - Bldg. 85.	
1452		
1453	Toilet Shower & Locker Room Layout & Details - Bldg. 85.	

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195-1540 Wall Section Details Bldgs. 71 & 72

1541 Wall Section Details Bldgs. 71 & 72

1542 Flue Details Bldg. 71

1543 Entrance Details Bldg. 71

1544 Miscellaneous Iron Bldgs. 71 & 72

1545 Miscellaneous Iron Bldgs. 71 & 72

1546 Miscellaneous Iron Bldgs. 71 & 72

1547 Sheet Metal Covering around Truss on Bay Line 15 Bldg. 72

1548 Details of S.E. Stairs Bldg. 71

1549 Details of S.W. Stairs Bldg. 71

1550 Details of N.W. Stairs Bldg. 71

1551 Details of Ramp West of Merchandise Bldg. 71

1552 Alteration to S.E. Entrance Bldg. 71 & New Entrance to Bldg. 72

1553 Details of Fire Door & Frame in Existing Conveyor Opening Bldg. 71

1554 Concrete Details of South East Stairs Bldgs. &1 & 72

1555 General Piping Plans Sections & Details, Connections to Present Piping Bldg. 17N

1556 General Piping Plan, Sections & Details tunnel to Bldg. 71

1557 General Piping Plan Basement Bldgs. 71 & 72

1558 General Piping Plan Sections Basement Bldgs. 71 & 72

1559 General Piping Sections Basement Bldgs. 71 & 72

1560 General Piping Plan First Floor Bldgs. 71 & 72

1561 General Piping Plan Second Floor Bldgs. 71 & 72

1562 General Piping Plan Third Floor Bldg. 71 & 72

1563 General Piping Plan 4th 5th & 6th Floors Bldgs. 71 & 72

1564 General Piping Plan Seventh Floor Bldgs 71 & Roof of Bldg. 72

1565 General Piping Plan eighth Floor Bldg. 71

1566 General Piping Sections & Details All Floors Bldgs. 71 & 72

1567 Shopmen's Toilet & Sewer Ejector Basement Bldgs. 71 & 72

1568 Toilets S.W. Corner 1st, 2nd, 3rd, 5th & 7th Floors Bldg. 71 & 72

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195-1627 Location Plan of Hangers - Bldgs. 30, 31, 32 & 35. - Kearny

-1628

-1629 Emergency Lighting Installation - Power House - Kearny

-1630 Generator Air Cooler Circ. Water System for 1500 KW Non-Cond. 1500 KW Mixed Pressure & 5000 KW Cond. Turbines - Power House - Kearny

-1631 Central Avenue Improvements - Storm Water Drain & Sanitary Sewer-Plan & Profile - Kearny

-1632 Central Avenue Improvements - Storm Water Drain & Sanitary Sewer-Plan & Profile - Kearny

-1633 Central Avenue Improvements - Storm Water Drain & Sanitary Sewer - Structural Details - Kearny

-1634 Central Avenue Improvements - Storm Water Drain & Sanitary Sewer- Structural Details - Kearny

-1635 M Central Avenue Improvements - Storm Water Drain & Sanitary Sewer - Junc. Chamber Details - Kearny

-1636 M Coal Thawing Equipment Near Bldg. 80A - Kearny

-1637 Outside Lighting for Watchmen's Shelter - Main Gate, Lumber Yard Gate, and Central Ave. Entrance to Parking Area. - Kearny

-1638 Comb. N.W. & Control Station for Banks of Floodlights - Kearny

-1639 Light & Telephone Layout for Watchmen's Shelter at R.R. Gate - Kearny

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195-3562 Lighting Pole Details Parking Entrance Kearny

3563 Floor Over Vacuum Dryer Pit Bldg. 13-1

3564 Proposed, North Tract Developement, General Arrangement S.W. Sewers, City Water & Fire Main Kearny

3565 Power Cable Alterations Bldg. 13 Basement Kearny

3566 Alterations to Sawdust Conveyor Bldg. 23-1

3567 Lighting Alterations Bldg. 33-2

3570 Trial Hollow Metal Door Bldg. 33-6 North Stair

3571 Lighting Alteration Bldg. 89

3573 Alterations to Heating System Women's Lounge Bldg. 34 Bsmt.

3574 Relocation of Underground 12 F.M. at Coal Storage Area South Tract.

3575 Lighting Alteration Bldg. 20-4

3576 Electric Heater Layout Basement Bldg. 34

3577 Lighting Alterations Bldg. 17-5S

3578 Floor Ext over Vacuum Dryer Pit Bldg 31-1

3580 Power Layout Misc. Cond. Revisions Bldg. 14 Basement

3581 Cable Hanger Section & Details Basement Bldg. 10 to 15 incl.

3582 New 10" Sanitary sewer South Bldg. 170

3586 Feeder Layout for 6th Floor Lt. 6th & 7th Fl. Bldg. 71

3587 New Steel Stair to Basement Bldg. 13 (F.S. Sheet)

3588 City Water Meter Pits for Central Ave. & Jacobus Ave. Supplies.

3589 Lighting Alterations Bldg. 20-1

3590 Roadway between Bldg. 170 & 185 Kearny Letter sent to C.E. Rauh

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195-5100	Standard Layout of Aisles 1st. flr. Bldg. 170 Kearny
5101	Standard Layout of Aisles 2nd Flr. Bldg. 170 Kearny
5102	Standard Layout of Aisles 3rd. Flr. Bldg. 170 Kearny
5103	Standard Layout of Aisles 4th. Flr. Bldg. 170 Kearny
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Exhibit C

Buildings Former Use
(Western Electric)

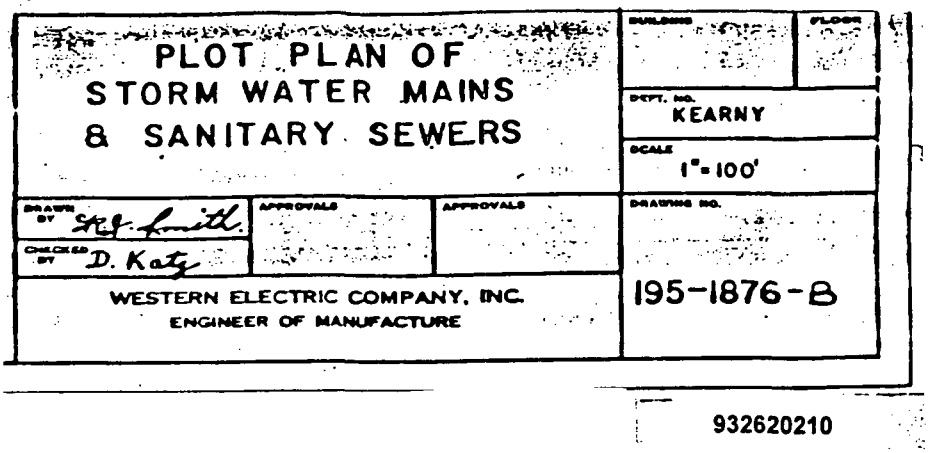
Bldg. No.	
10-17	Manufacturing cable
20-21	Manufacturing telephone equipment
30-34	Manufacturing telephone equipment
23	Incinerator
26	Storage
35	Iron shop
39	Shipping & receiving
40	Office
71-72-73	Manufacture telephone equipment
75	Motor pool
80	Powerhouse
80A	Powerhouse
81	Powerhouse
83	Fire house
85	Wire drawing
89	Plant maintenance
161 (demolished)	Lawn maintenance
170 (demolished)	Tool making; iron plating shop
171	Iron shop storage
180	Plating
180	Storage maintenance
186	Waste water treatment
191 (demolished)	Lawn maintenance at bldg. no. 73 location

AEA000525

932620209

NOTICE ABOUT UNSCANNABLE MAP

THIS MAP CAN BE FOUND IN THE SITE FILE LOCATED AT: U.S. EPA SUPERFUND RECORDS CENTER, 290 BROADWAY, 18TH FLOOR, NY, NY 10007. TO MAKE AN APPOINTMENT TO VIEW THE MATERIAL PLEASE CONTACT THE RECORD CENTER AT (212) 637-4308.



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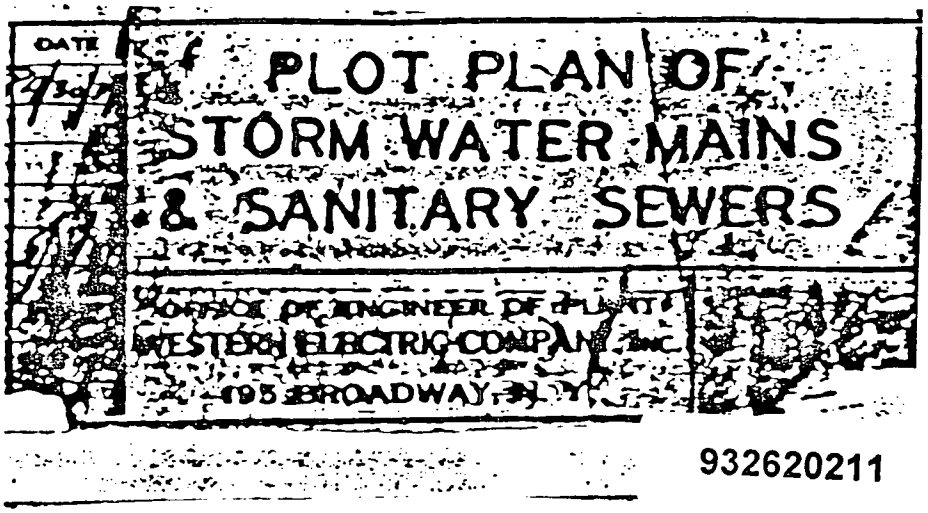

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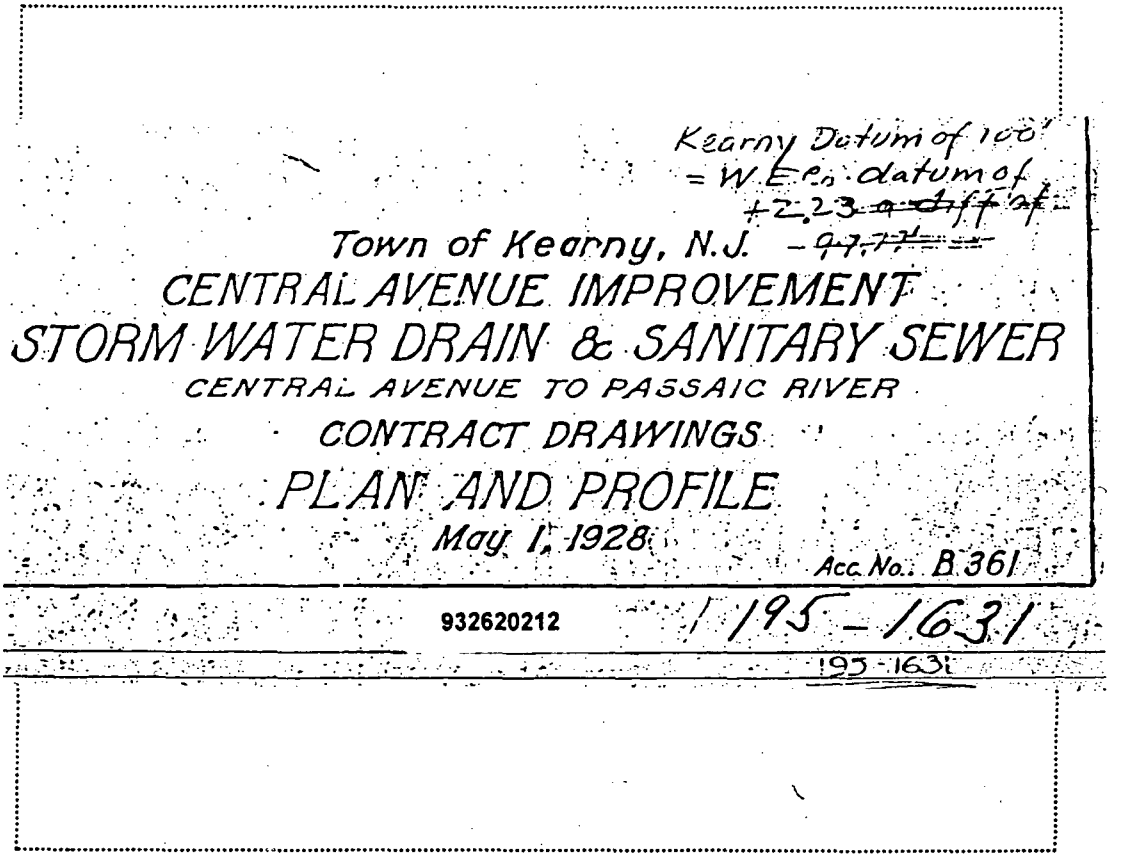

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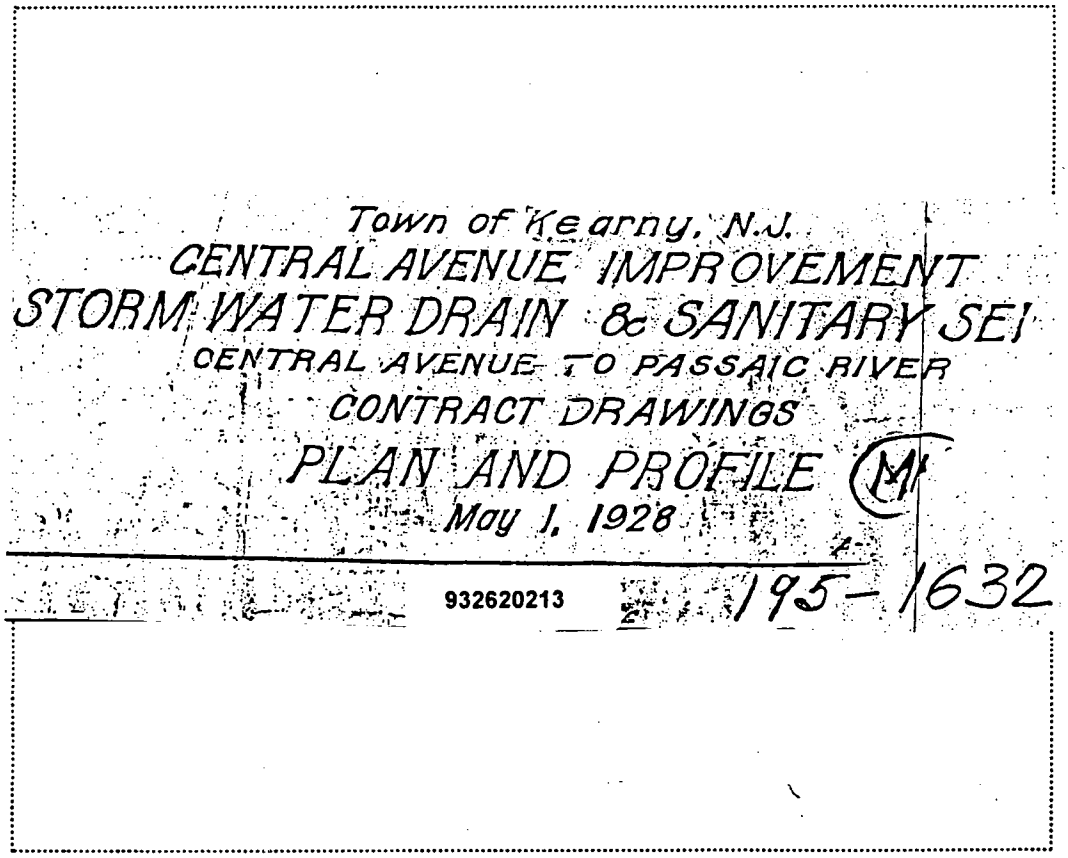

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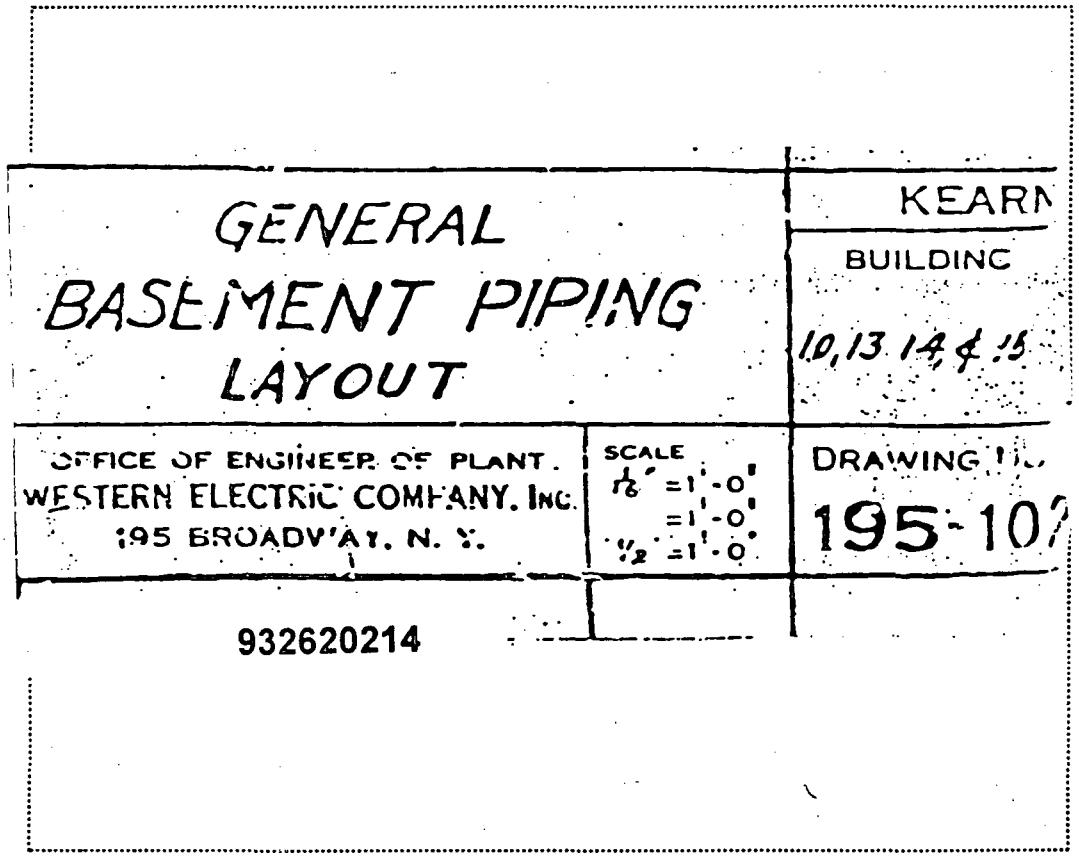

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